

CLASSIFICATION
PROJECT EVALUATION SUMMARY (PES) - PART I

1. PROJECT TITLE FARM POLICY STUDY			2. PROJECT NUMBER 511-0485	3. MISSION/AID/W OFFICE BOLIVIA
			4. EVALUATION NUMBER (Enter the number maintained by the reporting unit e.g., Country or AID/W Administrative Code, Fiscal Year, Serial No. beginning with No. 1 each FY) 795	
			<input checked="" type="checkbox"/> REGULAR EVALUATION <input checked="" type="checkbox"/> SPECIAL EVALUATION	
5. KEY PROJECT IMPLEMENTATION DATES			6. ESTIMATED PROJECT FUNDING	
A. First PRO-AG or Equivalent FY 78	B. Final Obligation Expected FY 81	C. Final Input Delivery FY 81	A. Total \$ 1,583,000	7. PERIOD COVERED BY EVALUATION
			B. U.S. \$ 1,115,000	From (month/yr.) 4/78
				To (month/yr.) 4/79
				Date of Evaluation Review

8. ACTION DECISIONS APPROVED BY MISSION OR AID/W OFFICE DIRECTOR .

A. List decisions and/or unresolved issues; cite those items needing further study. (NOTE: Mission decisions which anticipate AID/W or regional office action should specify type of document, e.g., airgram, SPAR, PIO, which will present detailed request.)	B. NAME OF OFFICER RESPONSIBLE FOR ACTION	C. DATE ACTION TO BE COMPLETED
<p>1 - A contract for processing of data gathered within project must be signed.</p> <p>2 - A restructuring of the strata for the Socio-Economic Farm Survey must be undertaken.</p> <p>3 - A revised project implementation plan.</p>	<p>Harry Wing</p> <p>Harry Wing Bureau of Census</p> <p>Harry Wing</p>	<p>July 1979</p> <p>August 1979</p> <p>September 1979</p>

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9. INVENTORY OF DOCUMENTS TO BE REVISED PER ABOVE DECISIONS			10. ALTERNATIVE DECISIONS ON FUTURE OF PROJECT		
<input type="checkbox"/> Project Paper	<input checked="" type="checkbox"/> Implementation Plan e.g., CPI Network	<input type="checkbox"/> Other (Specify):	A. <input type="checkbox"/> Continue Project Without Change		
<input type="checkbox"/> Financial Plan	<input type="checkbox"/> PIO/T		B. <input type="checkbox"/> Change Project Design and/or		
<input type="checkbox"/> Logical Framework	<input type="checkbox"/> PIO/C	<input type="checkbox"/> Other (Specify):	<input checked="" type="checkbox"/> Change Implementation Plan		
<input type="checkbox"/> Project Agreement	<input type="checkbox"/> PIO/P		C. <input type="checkbox"/> Discontinue Project		

11. PROJECT OFFICER AND HOST COUNTRY OR OTHER RANKING PARTICIPANTS AS APPROPRIATE (Names and Titles)		12. Mission/AID/W Office Director Approval	
<p>Harry E. Wing, USAID - Project Manager <i>BSA (fn)</i></p> <p>Gary E. Alex, RDD <i>BSA</i></p> <p>Kevin Kelly, DR <i>BSA</i></p> <p>Melvin Van Doren, CON <i>CTR</i></p> <p>Howard R. Handler, DPE <i>WBS</i></p>		<p>Signature <i>[Signature]</i></p> <p>Typed Name Abel N. Peña</p> <p>Date 3/25/80</p>	

FARM POLICY STUDY

Regular Evaluation

June 15, 1979

The first part of this evaluation is patterned after the Logical Framework presentation in the Project Paper and an attempt is made to quantify each measurable input and output attained since the initiation of the project. The second part is dedicated to the presentation of a revised implementation plan and budget which more accurately represent the present situation and future possibilities.

I. Measurable Results

This section is divided according to the Logical Framework into the following components: program or sector goal; project purposes; outputs; and contracting plan.

A. Program or Sector Goal

1. The program goal as defined in the Project Paper is to "Increase the per capita income and improve the standard of living of Bolivia's rural poor" as measured by "Achievement of a sustainable average rate of growth of real per capita income in the rural areas of 3 percent per year in 1982".

The measurement of the degree of fulfillment of this program goal requires the collection of data both from the activities under this project and from other primary and secondary sources during the life of the project (1978-1981). This information must then be analyzed in 1982 to determine the rates of growth and how they measure up to the established goal.

Income information from the project was collected in 1976-77 under the Southern Valleys Survey and the Credit Analysis, in 1977-78 under the Socio-Economic Farm Survey, in 1978-79 under the Crop Technology Survey and the Credit Analysis, and will be collected in 1979-80 and 1980-81 under the Credit Analysis, Traditional Practices Study and Rural Household Study. Combining this information with that from other sources, such as the 1980 Agricultural Census and other surveys carried out by the MACA Statistics Division, sufficient data should be available by 1981 to measure goal attainment.

2. The sub-goal as defined in the Project Paper is to "Improve GOB sectoral planning capacity through the collection and analysis of reliable rural base level information" as measured by "Successful completion of all seven project activities with new and presently employed GOB technicians".

The determination of the degree of sub-goal attainment must be made in 1981 close to the project completion date at which time all activities should be successfully terminating. Progress to-date on the various project activities by percent complete are the following: a) Socio-Economic Farm Survey (80%), b) Analysis of Southern Valleys Survey data (2 Credit Analysis (12%); Crop Technology Survey (20%); Traditional Practices Study (10%); Rural Household Study (0%); and Data Integration (0%).

B. Project Purposes

1. The first project purpose as defined in the Project Paper is to "Obtain reliable information on the socio-economic characteristics of rural farm and non-farm households" as measured by "Statistical

documents presenting in tabular form the characteristics and socio-economic performance of farm units and households".

Progress to-date on this first project purpose includes an edited data tape from the Southern Valleys Survey and data on questionnaires which should be edited and on tape by October 1979 for the Socio-Economic Farm and Crop Technology Surveys and the Credit Analysis.

2. The second project purpose as defined by the Project Paper is to "Utilize this information to better formulate strategies and policies which will contribute to the achievement of the project goal" as measured by a number of analytical documents, the publication of a Sector Assessment, the use of data and analysis in program planning, and the dissemination of statistical and analytical results.

Progress to-date on this second project purpose includes the publication and dissemination of a partial analysis by Jim Riordan of the Southern Valleys Survey data and the use of the Socio-Economic Farm Survey hand edited data by the Ministry of Planning to develop regional planning zones and by the USAID Nutrition Division to identify nutritional levels throughout the country.

C. Outputs

According to the Project Paper the following activities were to have been initiated in 1978: Socio-Economic Farm Survey, Analysis of Southern Valleys data, Credit Analysis and Traditional Practices Study. Of these four the first three were begun as planned, while the fourth commenced in 1979. The Analysis of Southern Valleys Survey data was originally programmed to be completed by the end of 1978, but will not be

finished until the end of 1979. The attenuating circumstances will be discussed later in the section on Implementation Plan. According to the Project Paper the Crop Technology Survey and the Rural Household Study were to commence in 1979. The former was initiated according to schedule, while the latter will begin in 1980. Since the data integration activity was not planned to commence until 1980, nothing has been done.

D. Contracting Plan

According to the Project Paper, the following technical assistance was contemplated:

1. Chief resident economic analyst for a period of 18 months to start April 1978 with the possibility of extension of the contract for an additional 12 months to be hired under a personal services contract. Because of the delay between the time of signing (March 1978) and the availability of funds (Aug. 1978), due to the turbulent political situation the procedure of advertisement and selection of the analyst was not initiated until September 1978. Some time after the individual selected for the position (Dr. Loyd Brown) was notified, he indicated that both he and the organization for which he worked (EUCEN) desired that he be hired on a PASA agreement instead of a personal services contract so that he would not lose his retirement and re-employment rights and benefits. Because Dr. Brown is so well qualified to fill this position, the Mission has decided to hire him under a PASA rather than lose him. The implementing documentation has been prepared and Dr. Brown should be in-country by the beginning of August 1979 to fulfill a two-year contract.

2. Associate resident economic analyst for a period of 12 months to start October 1978 with the possibility of extension of the contract for an additional 12 months to be hired under a personal services contract. It was decided to delay the selection until the arrival of the Chief Analyst, so that he might have some participation in the determination of his associate. This associate position should be filled by January 1980 for a period of 18 months.

3. Resident project coordinator for a period of 18 months to start March 1978 to be hired under a personal services contract. This individual, Lloyd Jacobs, has been working in this capacity since October 1977 when work on the questionnaire and sample design for the Socio-Economic Farm Survey was initiated. His participation in the Project has been financed by a AID Loan 511-T-053 funded Consortium for International Development (CID) contract, thus allowing the funds budgeted for this technician to be used for other project purposes. His contract will be terminated on June 15, 1979, due to his taking a job with the United Nations. His participation in the project during the last 20 months has been instrumental in the successful execution of the Socio-Economic Farm Survey and the Crop Technology Survey, two of the largest undertakings in this project.

4. U.S. Bureau of the Census (BUCEN) technical assistance for short-term expertise for a total of 12 1/2 person-months to start October 1978 under a PASA arrangement. Until February 1979 all TA provided by the BUCEN was accomplished through AID/W funding, which

included the following TDY's: for the National Socio-Economic Farm Survey, 11 TDYs for 7 person-months to design the questionnaire, design the frame and select the sample, assist in the interviewer training, aid in office coding and editing, and assist in data entry and verification; and for general planning and coordination of the Farm Policy Study with BUCEN in 2 TDYs for 1 person-month. Since February 1979, when the PASA went into effect, the BUCEN has provided one TDY for one-half person-month plus one person-month of time in Washington to design the frame and select the sample for the National Crop Technology Survey..

5. Short-term technical assistance for the Crop Technology Survey for a period of one and one-half person-months to start Oct. 1978 to be hired under a personal services contract. Due to the increasing capacity of the Statistics Division of the NACA to design the questionnaires and training manuals and successfully carry out the training and field supervision activities, it was determined not to contract this technical assistance.

6. Short-term assistance to carry out the Traditional Practice Study for a total of 12 person-months during a three-year period to begin in May 1978 to be procured through technical competition. Because of the above-mentioned delay between the time of signing and the availability of funds, the RFP was not published until October 1978. Rural Development Services (RDS) was the first choice of the selection committee and a contract between the NACA and RDS was signed effective April 1, 1979, for a period of 30 months.

II. Revised Implementation and Budget

This section discusses the original (March 1978) and the revised (March 1979) implementation schedule and corresponding budgets and describes the circumstances resulting in the need to reprogram.

A. Implementation Plan

In the Project Paper an implementation plan was described according to each sub-project and activity. The following is this description with the original and revised plan.

TABLE I - Original and Revised Plan of Activities for the Farm Policy Study Project

<u>Sub-Project</u>	<u>Original Plan</u> (3/78)	<u>Revised Plan</u> (3/79)	<u>Activity</u>
a. <u>General</u>	1/78	1/78	PP submitted to AID/W
	2/78	2/78	Project authorized by AID/W
	3/78	3/78	PROAG signed
b. <u>Socio-Economic</u> <u>Farm Survey</u>	10/77-1/78	10/77-1/78	Sample and questionnaire design and pretest with BUCEN/AID/W funds
	4/78	4/78	Training of interviewers
	5/78-8/78	8/78-11/78	Fieldwork
	9/78	2/79	Coding and editing finished
	12/78	8/79	Edited data tape prepared
	3/79	10/79	Statistical document in tabular form
	3/79	10/79	Crop distribution throughout country
	6/79	2/80	Target population document
	9/79	5/80	Analytical document
3/80	12/80	Analytical document	

<u>c. Analysis of Southern Valleys Survey Data</u>	3/78	10/79	Regional distribution of stat information
	3/78	10/79	Detailed data at crop level
	4/78	12/79	Analytical document on 1
	7/78	4/80	Analytical document
	10/78	8/80	Analytical document
<u>d. Credit Analysis</u>	4/78	10/79	Edited data tape on year survey
	6/78	3/79	Initiate field work Rura Financial Markets
	7/78	-	Fieldwork on year 2 surv
	10/78	-	Edited data tape on year
	12/78	-	Interim comparative repo
	7/79	4/79	Fieldwork on year 3 surv
	10/79	10/79	Edited data tape on year survey
	12/79	12/79	Interim comparative repo
	6/80	-	Fieldwork on year 4 surv
	7/80	9/81	Terminate fieldwork Rura Financial Markets
	7/80	-	Edited data tape on year survey
	10/80	10/81	Final Report
	-	6/81	Fieldwork on year 5 surv
	-	8/81	Edit data tape on year 5 survey
	-	9/81	Comparative report
<u>e. National Crop Technology Survey</u>	11/78	2/79	Questionnaire design and pretest

	4/79	5/79	Interviewer training
	5/79-7/79	5/79-6/79	Fieldwork
	9/79	9/79	Finish coding and editing
	12/79	12/79	Edited data tape prepared
	4/80	4/80	Statistical document
	4/80	4/80	Analytical document
	10/80	10/80	Analytical document
f. <u>Traditional Practices Study</u>			
	5/78	4/79	Sign contract
	7/78	4/79	Initiate fieldwork in Altiplano
	10/78	-	Quarterly summary Altiplano
	1/79	2/80	Quarterly summary Altiplano
	2/79	4/80	Initiate fieldwork in Valleys and Lowlands
	4/79	8/80	Quarterly summary all three
	7/79	-	Annual report Altiplano
	10/79	2/81	Quarterly summary all three
	1/80	-	Annual report Valleys and Lowlands
	9/80	9/81	Manual
g. <u>Rural Household Study</u>			
	7/78	11/79	Questionnaire design and pretest
	9/78	1/80	Interviewer training
	10/78	2/80	Fieldwork
	9/79	11/80	Finish fourth cycle of interviews
	2/80	3/81	Edited data tape prepared
	5/80	6/81	Statistical document
	8/80	9/81	Descriptive document
h. <u>Data Integration</u>			
	10/79	1/80	Initiate integration
	10/80	9/81	Final draft of Sector Ass

1. General Activities

As can be observed from Table I the three activities corresponding to this category were successfully completed according to the original plan and consequently did not require a reprogramming.

2. Socio-Economic Farm Survey

Both the sample and questionnaire design and pretest and the interviewer training were carried out according to the original plan, made possible by AID/W funded technical assistance provided by the BUCEN as detailed in Section I.D.4. Because project funds were not available for the field-work in May 1978, it was necessary to postpone the activity until August 1978 at which time the political situation was more stable and funds were available. Due to the delay in initiating fieldwork a reprogramming of the subsequent activities under this sub-project was required, as can be observed in Table I. The greatest impediment to the timely execution of this sub-project has been the difficulty in contracting data entry, programming and tabulation services locally. In August 1978 it was determined by the Mission that all data processing requirements under the Farm Policy Study project should be met by Bolivian personnel in Bolivia, with periodic technical assistance from the U.S. Presently, there are only three organizations in La Paz which could provide the project with data processing services: a) CENACO (Digital equipment), b) San Andres University (Digital equipment), and c) The Social Security Administration (IBM equipment). Within the next four months the Bolivian Petroleum Institute will have the capacity to offer services on their IBM equipment.

The preference of U.S. technical assistance in this field is to work on IBM equipment because most of their support is built into this system. However, it appears as though the quickest and cheapest job in La Paz can be done on the University's Digital equipment. A contract should be signed with the University by the end of June for the required services and the question of format compatibility will have to be handled later.

Although the total number of farmers to be interviewed in this survey was originally estimated to be 2,800, the final count of farmers interviewed was 1,600. This appears to be due to several reasons: a) The Pre-Census listing of farm households done in 1976 by the National Statistics Institute (INE) and used as the basis for sample design and farmer selection by the BUCEN reported more farm households than actually existed in 1978. Based on a smaller number of farm households relisted by the MACA interview teams in 1978 and the fixed interval based on the 1976 data, a fewer number of farmers than originally planned were actually selected to be interviewed; b) the absence of farmers from their household on the days of interviewing; c) resistance of farmers to respond; d) misclassification of segments by the pre-census; e) inaccessibility of some segments and difficulty in delineating the same boundaries of the segments as defined by the Pre-Census. The result of having fewer observations than expected will most likely result in a redefinition and reduction of the 19 strata for the purpose of tabulation and analysis. The restructuring of the strata will be determined upon the arrival of the chief resident economic analyst in August.

3. Analysis of Southern Valleys Survey Data

Other than the partial analysis of this data done by Jim Riordan, very little progress within this sub-project has been achieved. This is due to the delayed contracting and arrival of the chief resident economic analyst as explained in Section I.D.I. His first principal task upon arrival in La Paz will be the development of the statistical and analytical documents for this sub-project as reprogrammed in Table I.

4. Credit Analysis

This sub-project is divided into two major activities: impact analysis on credit recipients and research on Bolivian rural financial markets.

a. Impact Analysis

Socio-economic data on 115 farmers applying to the Bolivian Agricultural Bank for the first time was collected over the period June 1977-March 1978. This data dealt with the agricultural year 1976-77 and was gathered with the same questionnaire used for the Southern Valleys Survey. Because the MACA Statistics Division was occupied from April 1978-November 1978 with the Socio-Economic Farm Survey, it was not possible to reinterview those same 115 farmers during 1978 concerning agricultural year 1977-78. The Year 3 survey was carried out in April 1979 covering the agricultural year 1978-79, in which the 115 original farmers and a control group of 115 non-credit recipients were interviewed. The edited data tape for the Year 3 survey and the interim comparative report should be prepared according to the original plan during October 1979. The

decision has been made to do a year 5 survey in 1981 instead of a Year 4 survey in 1980 in order to have data every two years (1977, 1979 and 1981) for purposes of adequate comparison. This reprogramming is shown in Table I.

b. Rural Financial Market Analysis

According to the original plan, work on this activity should have begun in June 1978. Because of the delay in availability of funds, the implementing documentation for this contract was not expedited until January 1979 and work under the contract began in March 1979. Due to this delay the study and analysis will last until September 1981.

5. National Crop Technology Survey

The questionnaire design and pretest for this survey was completed in February 1979 instead of in November 1978 as originally planned, due to the Statistics Division of MACA being completely occupied with the National Socio-Economic Farm Survey through November 1978. The remainder of the original plan has been and should be carried out according to schedule. It was determined in September that approximately 450 interviewed farmers would be sufficient for the objectives of the study, instead of the 2,800 originally planned. This has resulted in a reduction in time required for fieldwork and subsequently in budgetary resources required to complete this sub-project. The questionnaire design, training manual preparation, training and fieldwork have been carried out exclusively by the MACA Statistics Division with minimal outside technical assistance, indicating an effective institutionalization of this capacity within the MACA.

6. Traditional Practices Study

Due to the delay in availability of funding, the contract for this subactivity was signed in April 1979 instead of in May 1978 as originally planned. This delay in contracting has resulted in a need to reprogram all of the subsequent activities under this sub-project as outlined in Table I. It was decided to initiate fieldwork in the Altiplano and the Valleys simultaneously in April 1979 and to expand to the Lowlands in April 1980. Reports, composing chapters of the Manual, shall be written semi-annually instead of quarterly summaries as originally planned, and the Manual will be prepared by September 1981.

7. Rural Household Study

It was decided to carry out the fieldwork for this study beginning in February 1980 so that it would neither overlap nor interfere with the Socio-Economic and Crop Technology Surveys of this project and with the Agricultural Census to be undertaken in September 1979. Because of the delay in the initiation of this sub-project, all the subsequent activities had to be reprogrammed. Thus, all the documents for this study will be produced one year later than originally planned. One of the biggest deterrents to the successful initiation and execution of this study is the identification of the appropriate Bolivian agency to take charge of this sub-project. The original plan was to use the Bolivian Community Development Service (SMDC) for this task, but this agency proved to be too busy with other activities and lacked trained personnel to carry out the job successfully. Because of the inter-institutional aspect of this study, it was decided to enter into negotiation with the Ministry

of Planning. Presently an interinstitutional agreement is being developed between the Ministry of Planning and the MACA and should be signed by the end of July. The former will be responsible for the planning and implementation of the study, while the latter will provide assistance through its offices of Statistics and Planning in sample and questionnaire design, fieldwork and analysis of data collected. The MACA will also be responsible for integrating the results of this study into the overall sector work through the Data Integration sub-project.

8. Data Integration

The initiation of this sub-project will take place approximately when it was originally planned, although the termination date has been extended to cover the analysis of data which will be collected from the other sub-projects at a date later than originally planned.

B. Budget

Based on the reprogrammed activities discussed above, a re-programming of the budget was undertaken in March 1979 and is outlined in Table 2. According to this table the budgets for the following sub-projects have been changed by a quantity greater than 10 percent:

1. Credit Analysis - a decrease of 18.8% due to a shorter contract period for the Rural Financial Markets component and less technical assistance for the Credit Impact component.

2. Crop Technology Survey - a decrease of 49.3% due to a considerably smaller sample size (1/6) than that originally planned.

3. Traditional Practices Study - an increase of 63.8% due to more technical assistance required to finish the project in the reprogrammed time period.

4. Rural Household Study - an increase of 90.2% due to a larger sample size and greater data processing requirements than originally programmed.

5. Contingency and Inflation - the \$ 100,000 budgeted in FY 79 has been added to the Traditional Practices Study and the \$ 82,000 in FY 80 added to the Rural Household Study.

Total expenditures over the life of the project have not varied from the original budget, although disbursements will continue into FY 81 according to the reprogramming. This was not anticipated in the original budget, but can occur since the TDD for this project is September 30, 1981.

One advance of \$ 132,482.83 was made to the MACA in September 1978 to finance the National Socio-Economic Farm Survey and the Year 3 Credit Survey. To date only \$ 63,788.03 (48.1%) has been cancelled by the MACA, with the assurance from the MACA Controller that the balance will be cancelled by the end of June.

TABLE II -

SUMMARY BUDGET TABLE AND DISBURSEMENT SCHEDULE
BY PROJECT ACTIVITY (US\$)

PROJECT ACTIVITY	FY-78		FY-79		FY-80		FY-81		All Years		Total Projects
	U.S.	GOB	U.S.	GOB	U.S.	GOB	U.S.	GOB	U.S.	GOB	
1. National Socio-Economic Farm Survey	141,340 (60,000)	101,305 (43,000)	52,600 (120,000)	17,880 (76,165)	11,880 (44,000)	6,790 (6,790)	-	-	205,820 (224,000)	125,955 (125,955)	331,775 (349,955)
2. Analysis of Southern Valleys Survey Data	20,380 (-)	6,150 (-)	- (1,000)	- (300)	- (19,500)	- (5,850)	-	-	20,380 (20,500)	6,150 (6,150)	26,530 (26,650)
3. Credit Analysis	30,420 (-)	4,306 (-)	33,670 (42,500)	5,136 (6,500)	44,970 (28,500)	6,670 (5,000)	-	-	109,050 (85,500)	16,112 (16,112)	125,172 (101,612)
4. National Crop and Livestock Technology Survey	- (-)	- (-)	194,720 (51,500)	113,217 (30,000)	46,283 (74,500)	17,860 (15,000)	-	-	241,008 (178,500)	131,077 (52,000)	372,085 (182,500)
5. Traditional Practices Study	23,706 (-)	1,080 (-)	61,151 (62,500)	13,268 (5,000)	51,576 (86,000)	2,772 (5,000)	-	-	135,443 (226,500)	17,115 (15,000)	153,558 (251,500)
6. Rural Household Study	56,154 (-)	21,159 (-)	57,849 (36,500)	123,524 (28,000)	35,788 (126,500)	18,525 (108,000)	-	-	149,721 (340,000)	143,028 (248,400)	312,749 (588,400)
7. Data Integration	- (-)	- (-)	- (-)	- (-)	70,498 (-)	8,383 (-)	-	-	70,498 (61,000)	8,383 (8,383)	78,881 (69,383)
Sub-Total	272,000 (60,000)	134,000 (43,000)	400,000 (314,000)	273,000 (145,965)	261,000 (449,000)	61,000 (146,640)	-	-	933,000 (1,115,000)	468,000 (468,000)	1,401,000 (1,583,000)
Contingency & Inflation	- (-)	- (-)	100,000 (-)	- (-)	82,000 (-)	- (-)	-	-	182,000 (-)	- (-)	182,000 (-)
TOTAL EXPENDITURES	272,000 (60,000)	134,000 (43,000)	500,000 (314,000)	273,000 (145,965)	343,000 (449,000)	61,000 (146,640)	-	-	1,115,000 (1,115,000)	468,000 (468,000)	1,583,000 (1,583,000)
Percentage Division Annual Expenditures	67.0 (58.3)	33.0 (41.7)	64.7 (68.3)	35.3 (31.7)	84.9 (75.4)	15.1 (24.6)	- (68.8)	- (31.2)	70.4 (70.4)	29.6 (29.6)	

(() indicates rebudgeted amounts

SOCIO-ECONOMIC SURVEY

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		1979			1980			1981				
		Oct. - Dec.	Jan. - March	April - June	July - Sept.	Oct. - Dec.	Jan. - March	April - June	July - Sept.	Oct. - Dec.	Jan. - March	
7	Coding and Editing	P	[Hatched]									
		R	[Hatched]									
9	Programming	P	[Hatched]									
		R	[Hatched]									
9	Data Entry and Verification	P	[Hatched]									
		R	[Hatched]									
10	Tabulation	P	[Hatched]									
		R	[Hatched]									
11	Analysis	P	[Hatched]									
		R	[Hatched]									
12	Publication	P	[Hatched]									
		R	[Hatched]									

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		1979			1980			1981				
		Oct. - Dec.	Jan. - March	April - June	July - Sept.	Oct. - Dec.	Jan. - March	April - June	July - Sept.	Oct. - Dec.	Jan. - March	
8	Reprogramming	P	[Hatched]									
		R	[Hatched]									
9	Additional Data Entry	P	[Hatched]									
		R	[Hatched]									
10	Additional Tabulation	P	[Hatched]									
		R	[Hatched]									
11	Additional Analysis	P	[Hatched]									
		R	[Hatched]									
12	Additional Publication	P	[Hatched]									
		R	[Hatched]									

CREDIT
ANALYSIS

		1979			1980			1981				
		Oct.-Dec.	Jan.-March	April-June	July-Sept.	Oct.-Dec.	Jan.-March	April-June	July-Sept.	Oct.-Dec.	Jan.-March	
1	Questionnaire Preparation	Same as Southern Valleys and Socio-Economic Surveys										
2	Sampling Preparation	Same as Southern Valleys and Socio-Economic Surveys										
3	Sample Design and Selection	P										
		R										
4	Hire and Train Interviewers	P										
		R										
5	Field Work	P										
		R										
6	Table Design	Same as Socio-Economic Survey										
7	Coding and Editing	P										
		R										
8	Programming	Same as Socio-Economic Survey										
9	Data Entry and Verification	P										
		R										
10	Tabulation	P										
		R										
11	Analysis	P										
		R										
12	Publication	P										
		R										

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**TECHNOLOGY
SURVEY**

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		1979				1980				1981	
		Oct.-Dec.	Jan.-March	April-June	July-Sept.	Oct.-Dec.	Jan.-March	April-June	July-Sept.	Oct.-Dec.	Jan.-March
1	Questionnaire Preparation	P	██████████								
	R										
2	Manual Preparation	P		██████							
	R										
3	Sample Design and Selection	P		██████							
	R										
4	Hire and Train Interviewers	P			██████						
	R										
5	Field Work	P			██████						
	R										
6	Table Design	P		██████							
	R										
7	Coding and Editing	P				██████					
	R										
8	Programming	P				██████					
	R										
9	Data Entry and Verification	P					██████				
	R										
10	Tabulation	P						██████			
	R										
11	Analysis	P							████████████████████		
	R										
12	Publication	P								████████████████████	
	R										

RURAL HOUSEHOLD

STUDY

		1979			1980			1981			
		Oct. - Dec.	Jan. - March	April - June	July - Sept.	Oct. - Dec.	Jan. - March	April - June	July - Sept.	Oct. - Dec.	Jan. - March
1	Questionnaire Preparation	P		//////							
		R									
2	Manual Preparation	P		////							
		R									
3	Survey Design and Selection	P		////							
		R									
4	Hire and Train Interviewers	P			////						
		R									
5	Field Work	P				////	////	////			
		R									
6	Table Design	P		//////							
		R									
7	Coding and Editing	P				////	////	////			
		R									
8	Programming	P				//////					
		R									
9	Data Entry and Verification	P					////	////	////		
		R									
10	Tabulation	P					////	////	////	////	
		R									
11	Analysis	P						//////	//////	//////	//////
		R									
12	Publication	P									
		R									

DATA INTERACTION

		1979			1980			1981	
		Oct - Dec.	Jan - March	April - June	July - Sept.	Oct - Dec.	Jan - March	April - June	July - Sept.
8	Reprogramming	P							
		R							
10	Analysis and rehabilitation	P							
		R							
11	Analysis	P							
		R							
12	Publication (Sector Assessment)	P							
		R							
EVALUATION									
Evaluation	P								
	R								

- Key
- P = Programmed
 - R = Achieved
 - ▨ = originally programmed
 - ▩ = reprogrammed
 - = accomplished