

A SURVEY OF
A.I.D. Educational
Cooperation
with
Developing
Countries

Agency for International Development

Department of State

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THIS SURVEY HAS BEEN PREPARED AT THE REQUEST OF THE

EDUCATION AND MANPOWER PLANNING SERVICE
OFFICE OF TECHNICAL COOPERATION AND RESEARCH
AGENCY FOR INTERNATIONAL DEVELOPMENT

By The

DIVISION OF FOREIGN STUDIES
OFFICE OF THE ASSISTANT SECRETARY FOR EDUCATION
DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE

MAY 1967

EDUCATION PROJECTS

Supported by the

AGENCY FOR INTERNATIONAL DEVELOPMENT

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PREFACE

This survey presents the scope of the program of the Agency for International Development (AID) in the field of educational assistance to certain of the developing countries. It revises and up-dates the original survey completed in May 1966. For those who wish to maintain a cumulative record, descriptions of projects which were reported as completed in the 1966 edition may be removed and added to this survey as an appendix.

All of the educational projects, except those funded under Section 214 of the Foreign Assistance Act or by means of the Central Research Fund, are included in this survey. The four regions of the world in which AID operates - Africa, the Near East and South Asia, Latin America, and the Far East - represent the major divisions of the survey.

The source of information was Part II of the FY 1968 Country Assistance Program (CAP) reports. The exception to this was in the East Africa Regional Programs. The FY 1968 CAP reports were not available for this part of the report and FY 1967 CAP reports were used.

The designated numbers for education projects in the AID programs are the 60-69 series. A few projects, including Labor Education and Human Resources Development, and Manpower Planning, with other series numbers are included in the survey.

The expenditure figure for each project, including FY 1966, and the estimated expenditure for FY 1967 and FY 1968 are shown. All additional obligated, but unexpended, funds are included. The expenditure tables separate the grant and the loan divisions of each project.

The following sub-classification of the (60-69) number series is used: /

- a. 60 - General Education
- b. 61 - Technical Education
- c. 62 - Vocational Agriculture Education
- d. 63 - Home Economics Education
- e. 64 - Elementary Education
- f. 65 - Secondary Education
- g. 66 - Professional and Higher Education
- h. 67 - Fundamental and Adult Education
- i. 68 - Educational Administration
- j. 69 - All other Educational Projects

Some projects contain several sub-titles. A Human Resources Development project may contain Elementary Education, Secondary Education, and Higher Education sub-divisions: The project activities are generally limited to one specific type of education. A brief account of the progress made on each project concludes the report.

If the project is being conducted under a university contract, the name of the contractor is shown under the title of the project.

II. SUMMARY STATEMENT

A. Scope of the Program (January 1967)

1. Educational assistance is being provided by the Agency for International Development (AID) for 53 developing countries of the world.
2. A grand total of 196 active projects in the 60-69 code series is proposed for development.
3. The total dollar expenditure for the 177 active projects in FY 1966 was \$63,380,000 with another \$2,704,000 provided in loans.
4. The total cumulative expenditures for the 177 active educational projects through FY 1966 was \$260,504,000 in direct aid (grants) and \$6,220,000 in loans.
5. The estimated total expenditures for the active educational projects in FY 1967 is \$71,215,000 in direct aid (grants) and \$14,830,000 in loans.
6. The estimated future expenditures needed for the completion of 196 active projects is \$221,232,000 in direct aid (grants) and \$2,739,000 in loans.
7. The estimated grand total expenditures needed for the completion of 196 active projects including prior year expenditures will be \$577,722,000 in direct aid (grants) and \$65,012,000 in loans.

B. Summary Analysis by Region

PROJECTED WORLD-WIDE
ACTIVE EDUCATION (CODE 60-69) PROJECTS AS OF JANUARY 1967

FINANCIAL SUMMARY

(000 DOLLARS)

REGION	NUMBER OF COUNTRIES	NUMBER OF ACTIVE PROJECTS	Expenditures taken from FY 1967 and 1968 CAP's											
			CUMULATIVE THRU 1965		FY 1966		FY 1967 (EST)		FY 1968 (EST)		FUTURE OBLIGATIONS		GRAND TOTALS	
			Grant	Loan	Grant	Loan	Grant	Loan	Grant	Loan	Grant	Loan	Grant	Loan
FAR EAST	6	21	12,895		5,988		10,738		6,014		13,171		48,806	
NEAR EAST/ SOUTH ASIA	10	31	61,125		15,512		23,009		16,451		28,918		145,015	
AFRICA	18	86	90,568	3,516	26,806	2,704	40,963	6,053	27,758	10,830	71,537	23,009	257,632	46,112
LATIN AMERICA	19	58	32,536		15,074		21,276		20,992	4,000	36,391	14,900	126,269	18,900
GRAND TOTALS	53	196	197,124	3,516	63,380	2,704	95,986	6,053	71,215	14,830	150,017	37,909	577,722	65,012

C. Summary Analysis by Project Classification

EXPENDITURE DISTRIBUTION AS OF 30 JUNE 1966

ACTIVE EDUCATIVE (60-69) PROJECTS

(000 DOLLARS)

Total Dollar Expenditure Through FY 1966

PROJECT CLASSIFICATION	Far East		NESA		Africa		Lat. Am.		TOTAL	
	No.	Amount	No.	Amount	No.	Amount	No.	Amount	No.	Amount
60 General Education	0	-----	0	-----	0	-----	0	-----	0	-----
61 Technical Education	3	3,659	3	3,104	10	18,555	2	3,004	18	28,322
62 Vocational Agriculture Educ.	0	-----	1	3,151	11	21,025	3	8,811	15	32,987
63 Home Economics Education	0	-----	0	-----	0	-----	0	-----	0	-----
64 Elementary Education	2	667	0	-----	5	7,733	7	8,087	14	16,487
65 Secondary Education	0	-----	1	3,037	7	12,019	1	601	9	15,657
66 Professional & Higher Educ.	2	4,382	10	31,250	23	42,720	12	16,383	47	94,735
67 Fundamental & Higher Educ.	1	1,069	1	586	1	311	0	-----	3	1,966
68 Educational Administration	0	-----	1	871	2	4,006	3	3,261	6	8,138
69 All Other	8	9,200	10	38,038	24	16,643	21	8,956	63	72,837
TOTAL	16	18,977	27	80,037	83	123,012	49	49,103	175	271,129

III. PROJECT ASSISTANCE

A. FAR EAST

<u>Country</u>	<u>Project Title</u>	<u>Project Number</u>
Burma	1. Rangoon University Liberal Arts College	482-12-660-121
Korea	1. Vocational-Technical and In-Service Training	489-15-610-602
	2. Education Policy and Planning	489-11-680-650
Laos	1. Community Development - Teacher Training	439-11-690-064 439-11-640-016
	2. Education Development (Educational Materials Production)	439-11-690-064
	3. Education Development (Community Education)	439-11-690-064
	4. Education Development (Secondary Education)	439-11-690-064
Philippines	1. Textbook Production	492-11-670-096
	2. Regional Technical Services	498-11-610-165
	3. Regional Training Services	498-11-690-020
Thailand	1. Rural Education	493-11-640-162
	2. Manpower and Educational Development Planning	493-11-690-142

A. FAR EAST (continued)

<u>Country</u>	<u>Project Title</u>	<u>Project Number</u>
Thailand	3. SEATO Graduate School	489-11-660-114
	4. THAI/USOM/IBRD Vocational Education	493-11-610-194
Vietnam	1. Rural Trade Schools	430-11-610-262
	2. Hamlet Schools	430-11-640-302
	3. Instructional Materials	430-11-690-268
	4. Vocational Education	430-11-690-271
	5. Teacher Education	430-11-690-272
	6. Leadership Training	430-11-690-325

BURMA

Project No. 482-12-660-121

Began: FY 1957

Proposed Terminal Date: FY 1967

RANGOON UNIVERSITY LIBERAL ARTS COLLEGE

Project Objective and Description:

To assist the Rangoon University develop a new campus and plant for a liberal arts college accommodating 7,000 students with necessary faculty and supporting staff.

Expenditures:

Expected Obligations
for Project Completion:

FY 1959 - FY 1965	\$1,188,000	None
FY 1966	387,000	
FY 1967 (Est.)	455,000	
FY 1968 (Est.)	215,000	

Progress to Date:

I. Physical Plant Accomplishments

1. Sixty units of workers' housing completed and occupied.
2. Sewage treatment and water supply facilities completed.
3. Roads, street lighting, area grading, electrical distribution and site grading 30% completed as of June 1966.
4. Glazing kiln complete - January 1965.
5. Sixty percent of the production experiments on clay units completed.
6. Ninety percent of the coloring experiments for structural clay units completed.
7. Seventeen buildings remain to be completed out of a total of 73 buildings.

II. Management Accomplishments

1. Increase in the number of construction engineers assigned to the project.
2. Rate of progress in construction has increased ten times over previous annual progress.

KOREA

Project No. 489-15-610-602

Began: FY 1956

Proposed Terminal Date: FY 1968

VOCATIONAL, TECHNICAL AND IN-SERVICE TRAINING

Project Objective and Description:

This project's aim is to improve and expand vocational training to help provide an adequate supply of well-trained workers for Korea's industrial growth and agricultural development. It seeks to overcome the shortage of middle-level technicians by upgrading the quality of technical instruction in existing schools, improving facilities for such instruction, assuring a continuing supply of competent instructors, and reorienting educators at individual schools, as well as at national and provincial levels.

Expenditures:

Expected Obligations
for Project Completion:

FY 1956 - FY 1965	\$2,977,000	NONE
FY 1966	88,000	
FY 1967 (Est.)	77,000	
FY 1968 (Est.)	46,000	

Progress to Date:

Since 1956, shops and equipment destroyed by the war have been largely rebuilt and re-equipped. Some 60 new shops have been established in the technical high schools. 22 Agricultural high schools have been improved. 7 fishery schools have been aided by supplying materials and equipment. About 66 participants have been trained and absorbed within the scope of the project. Trade and Industrial Education and Agricultural Education teacher training has been added to the Seoul National University and 2 years of training completed. One-half million dollars in excess equipment installed in 30 different agricultural and technical high schools. About 492 agriculture and T&I in-service teachers have been given short-course training. In addition, a national law for trade training has been passed. The final year of the project will be devoted to a national manpower training program.

Two vocational education teacher-training centers have been completed and are operational with a current enrollment of 328 students.

2. Other organizations that have provided assistance:

- a. Armed Forces Assistance - Construction Materials to eight vocational schools.
- b. UNESCO - assistance to junior technical college programs.
- c. Federal Republic of Germany - equipment and technical advisors.
- d. Colombo Plan (Australia) Technical Advisor and equipment.
- e. Religious and Voluntary Agencies - Established and support eleven trade and higher trade schools.

KOREA

Project No. 489-11-680-650

Began: FY 1967

Proposed Terminal Date: FY 1971

EDUCATION POLICY AND PLANNING

Project Objective and Description:

This project provides for the basic elements necessary to assist the Korean authorities with the development of a modern, indigenous educational system.

Features of the Project:

1. Long rang educational planning
2. Fostering university to university programs (American and Korean)
3. Experimentation in teacher education - science and technical vocational education
4. Modernizing and strengthening curricula
5. Organizing and developing specialized talent and material resources
6. Developing modern instructional aids, including textbooks

Expenditures:

FY 1967 (Est.) \$ 73,000
FY 1968 (Est.) 218,000

Expected Obligations
for Project Completion:

\$1,373,000
U.S. Funding

Progress to Date:

1. Higher Education Council appointed.
2. Two major research projects underway.

LAOS

Project No. 439-11-690-064

439-11-640-016

Began: FY 1956

Proposed Terminal Date: Open

COMMUNITY DEVELOPMENT - TEACHER TRAINING

Project Objective and Description:

The objective of this activity is to support education development by providing physical facilities to accommodate 1,750 teacher trainees by FY 1966, and 2,000 by the end of FY 1967, also render technical assistance and services in the conduct of teacher training programs.

Expenditures:

Expected Obligations
for Project Completion:

FY 1956 - FY 1965	\$616,000	\$1,488,000
FY 1966	505,000	
FY 1967 (Est.)	762,000	
FY 1968 (Est.)	643,000	

Progress to Date:

The National Education Center was opened in Vientiane during 1959 and the Regional Teacher Training Centers in Pakse, Luang Prabang, and Vientiane began operating in 1962. To date, classrooms, dormitories, offices, practical arts shops and gardens, laboratories, dining rooms, and kitchens have been completed to accommodate 1,500 students. Twelve housing units for staff members in Vientiane, four in Pakse, and one in Luang Prabang have been finished. The English curriculum proposed by the University of Michigan Contract has been approved by the RIG Ministry of Education. Teacher trainees (62) are engaged in English training with IVS instructors. Fourteen teachers started English training at the National Center in 1963 with an additional 20 starting in 1964. Ten graduates of the English section are now studying in the United States. Fifty-one participants trained abroad from FY 1964 through FY 1966.

In 1965-66, 1,625 students were enrolled in existing institutes, of whom 293 were graduated in 1966--all qualified to teach in elementary schools and meeting RIG minimum requirements.

LAOS
Project No. 439-11-690-064
Began: FY 1964
Proposed Terminal Date: Open

EDUCATION DEVELOPMENT
(EDUCATIONAL MATERIALS PRODUCTION)

Project Objective and Description:

The objective of this activity is to provide textbooks and supplemental materials in support of the USAID education program. It proposed to provide every Lao child in Grades 1-6 with at least one basal textbook and an accompanying teacher's manual.

All of these will be in the Lao language, and will consist of about 1.4 million textbooks covering 50 separate texts.

<u>Expenditures:</u>	<u>Expected Obligations for Project Completion:</u>	
FY 1964 - FY 1965	\$153,000	\$77,000
FY 1966	155,000	
FY 1967 (Est.)	227,000	
FY 1968 (Est.)	69,000	

Progress to Date:

Orders for 500,000 books, representing 15 titles have gone to the printers. 130,000 of these were printed during the first quarter of FY 65.

During the second quarter, this number had risen to 877,600 copies. By June 1965, 1 million books had been printed. At least one book has been distributed to every Lao child in all elementary grades.

Renovation of the Materials Center started during the second quarter of FY 65. Four participants have returned to the Materials Center after training in audio-visual, writing, library and materials production. The Basic Writers and Reference Library is in operation and about 50% of the required reference materials are available.

LAOS

Project No. 439-11-690-064

Began: FY 1964

Proposed Terminal Date: Open

EDUCATION DEVELOPMENT (COMMUNITY EDUCATION)

Project Objective and Description:

The objective of this activity is to support community education by constructing classrooms and providing classroom furniture and school supplies, and by training educational leaders and teachers by participation in in-service training or participant training programs in the U.S.

Expenditures:

Expected Obligations
for Project Completion:

FY 1964 - FY 1965	\$465,000	\$700,000
FY 1966	400,000	
FY 1967 (Est.)	338,000	
FY 1968 (Est.)	527,000	

Progress to Date:

Fourteen six grade schools have been completed. Furniture for approximately 1600 classrooms has been provided for the elementary facilities. In the past three years, 206 Lao elementary school teachers have been trained, most of them in Thailand. An estimated additional 2,000 elementary teachers have participated in one-month in-service training courses.

1. Office and warehouse facilities provided for ten primary school inspectors.
2. Warehouse for Ministry of Education financed and built in Vientiane.
3. Month-long training program for 45 principals of groupes scolaires held at training center in Vientiane.
4. Nearly 1.5 million copies Lao language textbooks distributed by close of FY 1966.

LAOS

Project No. 439-11-690-064

Began: FY 1967

Proposed Terminal Date: Open

EDUCATION DEVELOPMENT (SECONDARY EDUCATION)

Project Objective and Description:

The purpose of this project is to support the education development in Laos by assisting the secondary education system by providing technical guidance to the Ministry of Education; by training teachers and education leaders, both abroad and within Laos; by construction of high schools; and provision of teaching aids and other supplies. The first step will be the establishment of a Lao language secondary school in Vientiane.

Expenditures:

FY 1967 (Est.)	\$173,000
FY 1968 (Est.)	354,000

Estimated Obligations
for Project Completion:

\$1,288,000

Progress to Date:

This is a new project and except for a survey by a four-man team from the University of Hawaii there is no progress yet.

PHILIPPINES

Project No. 492-11-670-096

Began: FY 1960

Proposed Terminal Date: FY 1968

TEXTBOOK PRODUCTION

Project Objective and Description:

To help overcome the shortage of elementary and secondary textbooks mainly in the rural areas through the provision of paper and the expansion of indigenous publication capacity. Subject to the availability of funds, to provide sufficient paper, paper products, and related advisory services for 25 million textbooks, approximately 80% of the total requirement for the Philippine public schools.

Textbooks will be available for each of the 30,000 public primary and secondary schools reaching nearly every Filipino family group.

Expenditures:

Expected Obligations
for Project Completion:

FY 1960 - FY 1965	\$937,000	NONE
FY 1966	132,000	
FY 1967 (Est.)	129,000	
FY 1968 (Est.)	29,000	

Progress to Date:

Of the 26,500,000 textbooks which have been contracted, 21,600,000 have been delivered to the Bureau of Public Schools.

About 21.3 million have been distributed to the schools. The sub-target of creating an expanded indigenous publication capacity has been substantially achieved.

REGIONAL/FAR EAST (PHILIPPINES)

Project No. 498-11-610-165

Began: FY 1960

Proposed Terminal Date: N/A

REGIONAL TECHNICAL SERVICES

Project Objective and Description:

This activity is a combination of two support activities formerly budgeted separately: Regional Technical Advisory Services (498-11-610-165) and Regional General Services (Support Services 492-11-990-033). The two general objectives of this project are to upgrade foundry and pattern making training in selected vocational schools of the Far East and to furnish advisory services in these trades requested by Far East countries through the services of a Regional Trade Industrial Education Advisor. The second phase provides necessary support activities of various types required by other AID Missions by providing personnel short-term stay in the Philippines for official, medical or educational purposes.

Expenditures:

FY 1960 - FY 1965	\$206,000
FY 1966	98,000
FY 1967 (Est.)	170,000
FY 1968 (Est.)	158,000

Expected Obligations
for Project Completion:

NONE

Progress to Date:

Since the beginning of this activity, the Regional Trade Industrial Education Advisor's services were utilized in the countries of Korea, Thailand, Taiwan, and the Philippines.

Additional services have been requested from the same countries through FY 1968.

The regional support services processed 36 applications for employment in the various Far East AID Missions.

The number of students varies from 20 to 30 each year.

PHILIPPINES

Project No. 498-11-690-020

Began: FY 1960

Proposed Terminal Date: N/A

REGIONAL TRAINING SERVICES - REGIONAL/FAR EAST

Project Objective and Description:

The purpose of this activity is to provide technical training in the Philippines for approximately 300 AID participants each year from other Asian countries.

Expenditures:

Expected Obligations
for Project Completion:

FY 1960 - FY 1965	\$314,000
FY 1966	53,000
FY 1967 (Est.)	69,000
FY 1968 (Est.)	80,000

N/A

Progress to Date:

As of August 31, 1966, 3,476 third country participants from 28 countries had completed training in the Philippines. An additional 93 are now engaged in training. In relation to this program, the Regional Training Services personnel continue to serve to correct inadequacies in program development and to define the most successful modes and sites of training.

In FY 1966, 336 participants arrived in the Philippines for training.

THAILAND

Project No. 493-11-640-162

Began: FY 1964

Proposed Terminal Date: FY 1969

RURAL EDUCATION
(FORMERLY PRIMARY EDUCATION)

Project Objectives and Description:

The purpose of this project is to contribute to increased security in the ARD Changwads through key elements of the education program; to contribute to economic development through the improvement of educational opportunities in the ARD Changwads; and to provide evidence that the government is vitally concerned with individual betterment through improved education.

<u>Expenditures:</u>		<u>Expected Obligations for Project Completion:</u>
FY 1964 - FY 1965	\$ 86,000	\$585,000
FY 1966	55,000	
FY 1967 (Est.)	995,000	
FY 1968 (Est.)	915,000	

Progress to Date:

Since the Changwad Education Development program is just being initiated, there has been little progress. Three advisors have arrived and the Rural Education Coordinator has been recruited.

In the Textbook and Teaching Materials program significant progress has been made. The rural schools have received approximately 1.1 million textbooks. The Mobile Training Unit of the project now has two successful units in operation.

THAILAND

Project No. 493-11-690-142

Began: FY 1964

Proposed Terminal Date: FY 1969

MANPOWER AND EDUCATIONAL DEVELOPMENT PLANNING

Project Objective and Description:

This activity assists the Government of Thailand to: (1) assess Thailand's human resource requirements for national development, (2) identify educational priorities, and (3) undertake educational planning for the most effective development of human resources.

Expenditures:

FY 1964 - FY 1965	\$ 137,000
FY 1966	299,000
FY 1967 (Est.)	1,029,000
FY 1968 (Est.)	175,000

Expected Obligations
for Project Completion:

\$133,000

Progress to Date:

This project also includes general education. The first two phases of this activity were funded through Project No. 493-11-690-019. A Michigan State University contract team, working with 3 direct-hire technicians, has responsibility for this activity.

The Human Resources Study was completed and the findings published in 1964 in a volume entitled, "Preliminary Assessment of Education and Human Resources in Thailand."

The second phase was completed and established for manpower planning, and an office for educational planning. The initial steps for data gathering and organization in both the MPO and the EPO were begun.

The information from this project has been used as a basis for planning training programs.

REGIONAL (THAILAND)

Project No. 489-11-660-114

Began: FY 1959

Proposed Terminal Date: FY 1970

SEATO GRADUATE SCHOOL

Project Objective and Description:

To meet the serious shortage of engineers in Thailand and other countries in the SEATO region by assisting SEATO member nations in establishing a Graduate School of Engineering in Bangkok, Thailand, U.S. assistance since the school's inception in 1959 has been rendered through a contract with the Colorado State University Research Foundation.

The School offers: (1) masters degrees in hydraulic, structural, transportation, and sanitary engineering, (2) research facilities, including student thesis research, faculty research, and industry and government research; and (3) a non-degree post graduate special program for practicing engineers.

Advanced training to faculty members from engineering institutions in other countries is also provided.

Future plans are for a new campus in Bangkok with an enrollment of 1,200 students.

Expenditures:

FY 1959 - FY 1965	\$2,341,000
FY 1966	466,000
FY 1967 (Est.)	557,000
FY 1968 (Est.)	600,000

Expected Obligations
for Project Completion:

\$300,000

Progress to Date:

During the first six years of operation (1960-1966) the school has developed a program in three fields of civil engineering with 147 MA degrees in the following areas:

Hydraulics 56	Transportation 39	Structures 52
---------------	-------------------	---------------

In 1966, thirty-nine MA degrees were granted in the same areas, including three degrees in Public Health Engineering, a new area of studies. Graduates were from Thailand, India, Malaysia, Pakistan, Philippines, and Taiwan. Still another area of study, soils engineering, was started in June 1966.

THAILAND

Project No. 493-11-610-194

Began: FY 1967

Proposed Terminal Date: FY 1969

THAI/USOM/IBRD VOCATIONAL EDUCATION PROJECT

Project Objective and Description:

The purpose of this project is to improve vocational education in Thailand. The Royal Thai Government is planning this as a \$22 million dollar project.

Twenty-five vocational schools throughout the country are to receive primary support in this project. USAID assistance will be in the form of advisory services and limited participant training.

<u>Expenditures:</u>	<u>Expected Obligations for Project Completion:</u>
FY 1967 (Est.) \$ 560,000	\$315,000
FY 1968 (Est.) 370,000	

Progress to Date:

1. Preliminary drafting of program made which includes detailed description of methods to be used to improve the vocational education program in Thailand.
2. Study of the requirements of vocational schools made by experts from the World Bank.
3. Office for IBRD Project established and a director named. Other operational personnel designated.
4. The RTG has appointed an Executive Board for the project.
5. Fifteen participants in Agriculture and Trade and Industry programmed for 1967 and 1968.

VIETNAM

Project No. 430-11-610-262

Began: FY 1963

Proposed Terminal Date: FY 1969

RURAL TRADE SCHOOLS

Project Objective and Description:

To strengthen, improve, and expand the existing system of small two-year rural trade schools in order to provide more adequate vocational training opportunities in the rural areas of Vietnam. This activity's target is to establish a system of 20 rural trade schools which will provide practical skill training in trade and agricultural education in such areas as woodworking, general mechanics, metal-working, irrigation practices, and the use of basic agricultural implements to graduates of the five-year elementary school program. Ultimate goal is 5,000 students by 1967 with 300-400 students attending each school.

Expenditures:

FY 1963 - FY 1965	\$121,000
FY 1965	85,000
FY 1966 (Est.)	84,000
FY 1967 (Est.)	40,000

Expected Obligations
for Project Completion:

\$76,000

Progress to Date:

This project was originated in FY 1964 as a Pacification Plan activity. Construction has proceeded at a rather slow rate, due to rising costs of labor, construction materials, and the inability of contractors to supply sufficient numbers of skilled laborers. In addition, construction has been halted on two schools because of lack of security. Construction on seventeen of the twenty schools was completed in FY 1966. Additional Rural Trade Schools may be constructed in the Mekong Delta during FY 1967 if security conditions permit.

VIETNAM

Project No. 430-11-640-302

Began: FY 1963

Proposed Terminal Date: FY 1969

HAMLET SCHOOLS

Project Objective and Description:

To increase elementary and secondary educational opportunities for children in rural areas as one element of a broad program calculated to elicit the active support of the rural populace in the current insurgency struggle.

The target is being pursued through a special program of teacher training and classroom construction in strategic hamlets which will also serve as a basis upon which to establish a continuing system of public education for rural youth. Although 13,000 classrooms, and 13,000 teachers could be utilized now, this activity is planned to satisfy the needs of approximately 1,000,000 children being deprived of a primary education.

Expenditures:

Expected Obligations
for Project Completion:

FY 1963 - FY 1964	\$ None	\$1,200,000
FY 1965	26,000	
FY 1966 (Est.)	500,000	
FY 1967 (Est.)	500,000	

Progress to Date:

Elementary Education

The hamlet school program was initiated in 1963 to expand elementary educational opportunities as rapidly as possible. To date this project has resulted in the construction of 5734 classrooms in addition to 2,800 self-help classrooms that were constructed by villagers themselves. More than 8,600 teachers have been trained through 90-day courses. Programs for 1967 and 1968 call for annual goals of approximately 2,500 classrooms and 4,000 teachers. At the ratio of 60 children per classroom (the typical class size in Vietnam), by the end of 1966 this program would have provided schooling for 540,000 Vietnamese boys and girls.

Another aspect of the Hamlet School program which is rapidly growing is the Refugee School activity. Schools are provided for children of refugees. During CY 1967, 300 new classrooms will be built and an equal number of teachers will be trained. In CY 1968, 350 classrooms will be constructed and a like number of teachers will be educated.

During CY 1968, it is anticipated that fourteen U.S. elementary education specialists will assist in all phases of the work. IVS (International Voluntary Service) contract personnel is engaged in carrying out this activity.

Secondary Education

A secondary school usually is called a lycee if it offers a program of seven years, or a college if it offers only the First Cycle. The programs are structured in two phases: the First Cycle of four years and the Second Cycle, of three years. The First Cycle is the equivalent of U.S. Grades 6 through 9 and the Second Cycle to the U.S. senior, high school.

Secondary education enrollments increased about 140 per cent between 1958 and 1965. The number of public school teachers increased from 2,037 in 1962-63 to 2,133 in 1963-64, or a 4.7 per cent increase. The number of public secondary schools grew from less than eighty in the early fifties to 157 in school year 1964-65.

Four-hundred new secondary school classrooms were programmed for construction annually for 1965, 1966 and 1967. However, these goals have not yet been fully attained - owing to several factors, namely: lack of available space in urban areas; rising construction costs; shortage of trained personnel, and the like. Nevertheless, two new secondary demonstration schools have been developed at the Universities of Saigon and Hue. Advisory assistance is provided to these two institutions by the Ohio University contract team. Each school can accommodate 1,200 secondary school students. Additional classrooms have been constructed in the Saigon area and other provincial capitols. In CY 1968 an additional 400 prefabricated classrooms will be erected to accommodate about 48,000 students.

An accelerated teacher-education program which began in 1965 has produced about 200 new First Cycle teachers, and it is anticipated that 400 First Cycle teachers will complete this special program annually for the next three years. At least three direct-hire technicians will be involved in these activities. About 25 participants will be supplied training in CY 67 and another 28 in CY 68.

During CY's 1967 and 1968, eleven pilot schools are to be completed and opened and the pre-service training program for teachers of these schools accomplished.

VIETNAM

Project No. 430-11-690-268

Began: FY 1957

Proposed Terminal Date: FY 1968

INSTRUCTIONAL MATERIALS

Project Objective and Description:

To produce and distribute audio-visual materials and textbooks and to produce radio education programs in order to introduce modern educational practices in classrooms throughout Vietnam. The plan is to produce 14 million elementary textbooks during the 3-year period 1965-67, so that all the elementary children in Vietnam will have basic textbooks and provide teaching kits (globes, chalkboards, maps, charts, etc.) for 10,000 elementary schools in 1965-66. Also, to produce 30 radio education series, including teacher guides, for in-class and out-of-class broadcast. In addition, eight million secondary and higher education books are to be produced during this same period.

Expenditures:

FY 1957 - FY 1964	None
FY 1965	\$169,000
FY 1966 (Est.)	400,000
FY 1967 (Est.)	700,000

Expected Obligations
for Project Completion:

\$2,123,000

Progress to Date:

In a typical Vietnamese classroom, the children do not have books. To correct this situation an instructional materials project was organized in 1957 to provide textbooks and other educational aids such as maps and charts. Two instructional centers have been completed and are in full operation. One center is located in Saigon and another regional center has been established in the city of Hue (Northern South Vietnam). Still another center is to be established in the delta or in the central highlands.

Committees composed of Vietnamese teachers, artists and editors, with American advisors, have produced manuscripts at a phenomenal rate in fields such as arithmetic, health, history and geography. These books were printed in Manila, Hong Kong and Saigon. The Republic of China has printed 500,000. Australia will print and deliver 1,200,000. All

together, almost eight million books have been printed and shipped to Saigon. By Fall 1967 an additional six million will have been delivered. For an average of twenty-five cents per copy, more than 1,600,000 Vietnamese children will carry these books into hamlets and homes throughout the 44 provinces of Vietnam.

In addition, 400,000 secondary, 49,000 University and 15,000 Highlander textbooks have been printed since project's inception in 1957.

Ten thousand teaching kits (chalkboards, feltboards, silkscreen mimeograph duplicators, globes, maps, reading charts, mathematical flashcards, anatomical charts, instruction pamphlets, etc.) have been produced and six thousand distributed to hamlet classrooms. Additional kits have been used in teacher training and in-service education programs.

Fifty-five teachers have been given a two-year course in audio-visual instruction and 1200 provincial teachers and administrators have taken part in four-weeks workshops.

One radio series (40 programs) has been produced and fifty teachers have completed a forty-hour writers' workshop, in preparation for producing radio programs.

VIETNAM

Project No. 430-11-690-271

Began: FY 1955

Proposed Terminal Date: FY 1969

VOCATIONAL EDUCATION

Project Objective and Description:

The purpose of this project is to establish a system of vocational-technical, vocational-agricultural, and engineering institutions which will be capable of providing a continuing supply of skilled workers, technicians, and teachers required for economic development. The specific goal by 1968 is an enrollment of approximately 10,000 students with an annual graduating class of 2,000 students.

Expenditures:

Expected Obligations
for Project Completion:

FY 1955 - FY 1964	\$516,000	\$1,084,000
FY 1965	693,000	
FY 1966 (Est.)	725,000	
FY 1967 (Est.)	784,000	

Progress to Date:

Within the framework of vocational education, the Government of Vietnam has been assisted in four major divisions of training. In the Trade-Technical program A.I.D. has constructed, equipped and developed four polytechnic schools, each accommodating 800 students. These schools offer courses in fields such as forging and welding, machine shop, auto mechanics, electricity, woodworking, drafting, and diesel mechanics. More than 3,000 students are enrolled in these schools. More than 6,635 Vietnamese students are enrolled in all types of secondary level trade and technical schools.

At the Phu-Tho Polytechnic school in Saigon, four-year and two-year college level teacher training courses have been established under the advisory assistance of the Southern Illinois University contract team.

VIETNAM

Project No. 430-11-690-272

Began: FY 1955

Proposed Terminal Date: FY 1972

TEACHER EDUCATION

Project Objective and Description:

To develop within Vietnam's educational system a well-qualified professional staff, an effective curriculum and educational philosophy, and adequate physical facilities to provide the educational opportunities and benefits which are basic to the socio-economic advancement of the nation.

This composite project has as its major components:

1. Improvement of teacher-education at all levels, both pre-service and in-service.
2. Improvement of higher education through the provision of scholarships, new facilities, research and in-service programs, and assistance in the development of laboratories, libraries, etc.
3. Improvement of science instruction by supporting science workshops, improving methods and research, and providing mobile science laboratories and their use.
4. Improvement of English programs at all levels in the various phases including libraries, facilities, etc., and
5. Improvement of elementary and secondary education through support by providing technical assistance in its various phases in order to upgrade these areas of instruction at both the city and provincial levels.

Expenditures:

FY 1957 - FY 1964	\$ 888,000
FY 1965	1,072,000
FY 1966 (Est.)	1,640,000
FY 1967 (Est.)	1,781,000

Expected Obligations
for Project Completion:

\$2,429,000

Progress to Date:

Four complete normal schools have been established enrolling 2,100 prospective elementary teachers per year.

An elementary school for student teaching and demonstration has been added and enrolls 450 students. An in-service center has been provided. A six-member contract team (SIU) of elementary educators have been engaged. Two new Faculties of Pedagogy, each with an attached comprehensive high school were completed in FY 1965, and a contract team of educators from Ohio University are giving assistance and supervision to this phase of training. To date (FY 1966), about 97 participants have returned with advanced degrees and are now serving in this project's activities.

1,139 elementary and 120 secondary school classrooms and 37 secondary science laboratories have been built and equipped. A testing and guidance center has been established in the Ministry of National Education.

Achievement and academic aptitude tests have been developed and standardized. A number of mobile science educational laboratories have been provided for the New Life Hamlet Schools and other remote areas.

Thirty-four provinces have been served by workshops for strategic hamlet teachers. About 25 (including contract) U.S. trained personnel and a substantial amount of instructional materials and equipment have also added to the development of this project.

VIETNAM

Project No. 430-11-690-325

Began: FY 1967

Proposed Terminal Date:

LEADERSHIP TRAINING

Project Objective and Description:

Under this activity, selected Vietnamese will be sent to the United States (and in a few cases, to third countries) for advanced training for professional work. The purpose of this activity is to provide subject matter courses in professional categories to trainees so as to increase Vietnam's pool of trained manpower.

Estimated Expenditures:

1. Contract Service

FY 1967 - \$425,000

FY 1968 - 425,000

2. Participant Training

FY 1967 - \$850,000

Number of participants - 100

FY 1968 - 1,150,000

Number of participants - New-100; Old-75

Field of Training

Education, Health, Agriculture, English, Economics,
Public Administration

Progress to Date:

New project

III. PROJECT ASSISTANCE

B. NEAR EAST AND SOUTH ASIA

<u>Country</u>	<u>Project Title</u>	<u>Project Number</u>
Afghanistan	1. Elementary and Secondary Education	306-11-690-091
	2. Agricultural Education	306-11-690-092
	3. Technical Education	306-12-660-093
	4. Kabul University Administration Improvement	306-11-680-013
India	1. Technical Education Institutes	386-11-660-027
	2. Multipurpose Secondary Education	386-11-650-063
	3. Nuclear Engineering	386-11-980-076
	4. National Institute of Education	386-11-660-184
	5. Assistance to Expansion of Literacy	386-11-670-232
	6. Equipment for Technical and Scientific Educational Institutes	386-11-660-340
	7. Science Education Improvement (Formerly Summer Institutes & Sciences)	386-11-660-226
	8. Indian Institute of Technology - Kanpur	836-11-660-150
	9. Bombay Central Training Institute	386-11-420-179
Iran	1. Pahlavi University	265-11-530-091
	2. Vocational Education	265-11-610-231

B. NEAR EAST AND SOUTH ASIA (continued)

<u>Country</u>	<u>Project Title</u>	<u>Project Number</u>
Jordan	1. Bir Zeit College	278-11-690-112
	2. Arab Development Society	278-13-690-990
Nepal	1. Technical Education	367-11-650-060
	2. Education Materials	376-11-690-063
	3. Teacher Education	276-11-690-093
Pakistan	1. Teacher Training Institutes	391-11-660-053
	2. Skilled Labor Training	391-11-610-216
	3. Agricultural University - West Pakistan	391-11-660-146
	4. Summer Science Institutes	391-11-660-278
	5. Commercial Institutes - East Pakistan	391-11-690-276
Turkey	1. Technical and Vocational Education	277-11-610-346
	2. National Education Research & Planning	277-11-680-398
	3. Academies of Economics and Commerce	277-11-770-357
U.A.R.	1. Engineering Education - University of Assiut	263-11-660-277
Yemen	1. Special Scholarships Activity	279-11-690-004
Regional	1. AUB Regional Training	298-13-990-015

AFGHANISTAN

Project No. 306-11-690-091

Began: FY 1952

Proposed Terminal Date: FY 1972

ELEMENTARY AND SECONDARY EDUCATION
(AID - TCCU)

Project Objective and Description:

The overall purpose of this activity is to help Afghanistan develop and establish a National system of education designed to meet the requirements of an increasing school population and thereby contribute to economic and social development in both rural and urban areas.

Expenditures:

FY 1952 - FY 1965	\$1,491,000
FY 1966	1,528,000
FY 1967 (Est.)	1,639,000
FY 1968 (Est.)	1,654,000

Expected Obligations
for Project Completion:

\$3,854,000

Progress to Date:

In 1962, the Ministry of Education inaugurated an emergency teacher education program to prepare primary teachers for the expanding primary school enrollment which has grown from 175,000 students to about 275,000 in 1965. The program functions in about 26 centers. It involves grades 7-9 and one year of intensive training (grade 10) for preparing teachers. The program will graduate about 500 trained primary teachers in 1966. The standard primary teacher training program at the four DMA's (teacher training schools) located at Kabul, Kandahar, Herat, and Jalalabad has been extended through grade 12. The better qualified students may enter college. A professional sequence of courses has been established. A laboratory school has been established in/or near each of the DMA's for teacher training. Textbooks and related materials have been prepared for each DMA. The physical plants have been modernized. "Pilot" primary schools have been established in Kandahar, Julalabad, and Herat. Women's teacher education is being given attention. The experimental girls' school in Kabul is being used for a demonstration school for training primary women teachers and will be used as a model for other schools. In vocational education, a department of teacher education has been added.

Between 50 and 600 teachers have attended winter workshops and about 200 teachers are in regular attendance in summer workshops. It is possible for teachers to complete both high school and university training in these programs. Work is offered in grades 9-16.

b. Sub-activity - Kabul University:

The Faculty of Education, Kabul University was established in 1962.

Currently there are 352 students enrolled. A pre-service teacher training program in the Faculty of Science and the Faculty of Letters has been developed. This is the first time that teaching methods have been offered to secondary school teachers by these two faculties. Demonstration commodities have been ordered, delivered and are being utilized by the Faculty of Education.

c. English Language Program:

Afghanistan has determined that English will be the major foreign language of the country. This training is conducted by the English Language Institute. Almost all of the staff needed for this institute has been selected and trained which requires about 20. Six of these have received advanced training.

Curricula have been prepared for secondary level teachers. Texts have been prepared in linguistics, literature, and composition. Specific training for Afghan English teachers has been conducted. Currently there are 160 students enrolled in the English Teacher Training Department of the Faculty of Education. Commodity requirements have been determined, ordered, delivered and are being utilized. Over 80 volunteers from the Peace Corps are assisting with this project.

d. Science-Mathematics Lycee Project:

In 1964, one mathematics and one science advisor began giving help to the Lycee program located at Habibia and Ahmad Shah Lycees. Inservice training has been provided to 35 science and math teachers. A math curriculum for grades 7-12 has been developed and approved by the MOE for use in the two pilot lycees. A similar curriculum for science has been developed and is awaiting approval by the MOE. A library textbook for grades 11 and 12 and a chemistry textbook for grades 10, 11, and 12 have been prepared and are being printed. A math textbook for grade 10 has been completed. Additional materials are in process of preparation. Furniture and science equipment has been placed in 9 new laboratories. Eighty-five students in special afternoon classes have been trained to enter the Faculties of Agriculture and Engineering. Remodeling and new construction has been carried out at the Lycees. About 30 participants have been identified for U.S. training.

e. Community School Education:

This program started in 1960 and a department has been established in the Ministry of Education. A 50 man Department of Supervision and Inspection has been organized. Nineteen community schools have been opened in as many provinces. More than 13,000 pupils are enrolled. About 20 schools have been converted to this type of school. In addition, more than 140 classrooms have been donated by village people and thousands of dollars in local support have been provided for equipment and salaries of teachers in support of this type of program. In-service training is given to teachers and in addition they have received training in the summer and winter Teacher Training Schools. Over the past four years, 95 teachers have received specialized training. Community School Education Courses have been added to the curriculum of the elementary teacher training school in Kabul and at Kabul University. Two-hundred and fifty-two students have graduated from the Kabul Teacher Training School with community school education experience. About 34 students have received training in a special course of community school education at Kabul University and are currently training about 196 emergency teacher trainees. The 19 pilot community schools have received commodity assistance from USAID and serve as models for the development of similar schools. Literacy courses for women have begun in at least 5 of the provincial pilot schools.

f. School Design and Construction:

In 1964, a contract was arranged to provide services of an Architect and an Architectural-Design Advisor. In 1965 another contract to provide two additional Architect-Engineers was arranged. A school design and construction office has been established in the Ministry of Education.

Materials and equipment in support of this department have been provided.

Three graduates from the school of engineering have been assigned to the school design and construction office.

Work plan schedules have been established, and plans for supervision of construction such as the Faculty of Agriculture, the Faculty of Engineering, etc., have been started.

AFGHANISTAN

Project No. 306-11-690-092

Began: FY 1956

Proposed Terminal Date: FY 1973

AGRICULTURAL EDUCATION
(AID - University of Wyoming)

Project Objective and Description:

The purpose of this activity is to assist the Government of Afghanistan establish a body of trained instructors and skilled agriculturists by developing the competence and capacity of the agricultural facilities in the country in order to achieve its goals in the field of agriculture. The services of a contract team of professors from the University of Wyoming have been secured to help meet these objectives.

Expenditures:

FY 1956 - FY 1965	\$2, 732, 000
FY 1966	419, 000
FY 1967 (Est.)	452, 000
FY 1968 (Est.)	469, 000

Expected Obligations
for Project Completion:

\$1, 696, 000

Progress to Date:

a. Faculty of Agriculture:

The faculty of agriculture was established as an integral part of the University of Kabul in 1956. A contract with the University of Wyoming to assist the College of Agriculture has been in effect since that date. Since 1961 student enrollment has consisted annually of 130-140. Nine students graduated from the original class in 1959 with B.S. degrees in general agriculture. Since then, 122 students have terminated with degrees. The faculty consists of 10 trained people currently with 13 expected by academic year 1966.

A four year curriculum has been developed for undergraduates. Arrangements to take veterinary science in Iran has been made. The first 17 students have been selected. The new Faculty of Agriculture building was occupied in 1964. Laboratory equipment has been provided. A farm mechanics building and equipment has been contributed by the U.S. with completion expected in 1966.

The RGA has provided a 20 acre tract of land near the Faculty of Agriculture for laboratory purposes. Another 50 acre tract of land 3 miles from the college has been set aside for the faculty program in agronomy and livestock. The services of a U.S. advisor has been provided for this activity and a budget of local currency for its development has been provided.

Winter vacation training programs for high school junior and senior agriculture students initiated in 1964 was continued in 1965. A three-week workshop was conducted for teachers of the agricultural schools of Baglan and Kabul in 1965.

Agricultural research has begun in a limited way. Books and research materials have been centralized in the new library and cataloged. Currently, there are 80,000 volumes and about 300 regular subscriptions. A library director, trained in the U.S., has been appointed. Three library science participants are in training in the U.S. Five additional ones are scheduled for similar training in 1966.

The Kabul Vocational Agriculture School has been renovated to accommodate 300 students. The curriculum has been completely revised. About 800 instructional books and pamphlets have been produced and others are in process of development. All demonstrational commodities for the school have been ordered and put to use. New demonstrational methods have been introduced. About 50% of the graduates of this school enter the Faculty of Agriculture to continue their studies.

AFGHANISTAN

Project No. 306-12-660-093

Began: FY 1956

Proposed Terminal Date: FY 1972

TECHNICAL EDUCATION

(AID - Educational Services, Inc.) (ESI)

(AID - University of Wyoming)

(AID - Southern Illinois University)

Project Objective and Description:

The purpose of this activity is to assist the Ministry of Education of Afghanistan establish and develop two technical education institutions which will materially help the Government in meeting its industrial and educational goals, and serve as outstanding examples of technical education centers by the development of a university level engineering education center at the Faculty of Engineering of Kabul University and a secondary technical education center at the Afghan Institute of Technology at Kabul. A contract team of professionals will assist in reaching these objectives.

Expenditures:

FY 1956 - FY 1965	\$3,604,000
FY 1966	885,000
FY 1967 (Est.)	1,881,000
FY 1968 (Est.)	2,481,000

Expected Obligations
for Project Completion:

\$3,747,000

Progress to Date:

a. Faculty of Engineering:

In September 1963, AID signed a contract with Educational Services Incorporated (ESI), a consortium of American universities. Programs at the Faculty of Engineering in civil, mechanical, and electrical engineering have been introduced.

Laboratory facilities have been improved. A considerable library, including films and other audio-visual aids has been established. To date, commodities valued at \$385,000 have been received and an additional \$270,000 have been placed on order. All are used to strengthen the laboratory program.

A new Faculty of Engineering building has been completed and was occupied in early 1964. Additional space became necessary and construction on the engineering annex started in 1965. Twenty-two participants have been sent for training in the U.S.

Two student training programs for promising high school students have been initiated. Twenty-six students completed this program in March 1965 and twenty-three entered the Faculty as freshmen.

Twenty-one third-year students participated in this program in 1965.

Student enrollment has constantly increased, e.g., 167 students in 1962, 205 in 1963, and 269 in 1964. The Faculty of Engineering has gained recognition throughout Afghanistan and is progressing as planned.

b. Afghan Institute of Technology (AIT)

This Institute was established in 1951. U.S. aid to this school began in 1954, when a contract was signed with the University of Wyoming. This contract continued until 1961. In 1963, when a re-evaluation was made, it was decided to increase U.S. assistance and make AIT a modern terminal technician training school. In October 1964, AID signed contracts with Southern Illinois University and the firm of Daniel, Mann, Johnson, and Mendenhall (DMJM), an architectural firm. The SIU team gives assistance by establishing the departments of civil, mechanical, electrical, automotive and aviation technologies at AIT. About 10 participants have been trained in the U.S. in such fields as sheet metal, aviation electronics, etc., others are to follow. Student enrollment in grades 10-12 reached 300 in 1963 and more than 400 in 1964. In 1965 grade 13 was added to the curriculum for specialized training purposes. Grade 14 has been arranged to be added. An evening program has been started for employees in the various fields of industry.

The DMJM team finished preliminary design plans for the AID facility in May 1965. Final plans were completed in November 1965 and bids for construction have been received and reviewed.

A program of short, specialized, in-service teacher training courses have been developed at AIT. A pilot pre-vocational practical arts training course was started at Ebni-Seena, the main "feeder" school for AIT in 1965 to better prepare students to enter the Institute. Basic programs connected with a national system of technical education is receiving attention; such as teacher training, teacher classification and advancement, mutual ministry-industry cooperation and other responsibilities normally required of a national level department of technical education.

AFGHANISTAN

Project No. 306-11-680-013

Began: FY 1966

Proposed Terminal Date: FY 1972

KABUL UNIVERSITY ADMINISTRATION IMPROVEMENT

Project Objective and Description:

The purpose of this activity, beginning in FY 1967, is to assist Kabul University to build a sound and effective university administrative organization. The administrative development will include general administration and policy, administrative aspects of academic affairs, a comprehensive student personnel program, and business administration.

Expenditures:

FY 1966	\$	None
FY 1967 (Est.)		182,000
FY 1968 (Est.)		269,000

Expected Obligations
for Project Completion:

\$1,474,000

Progress to Date:

This is a new project.

INDIA

Project No. 386-11-660-027

Began: FY 1953

Proposed Terminal Date: FY 1968

TECHNICAL EDUCATION INSTITUTES
(AID - University of Illinois)
University of Wisconsin)
Michigan State University)
University of Houston)

Project Objective and Description:

The purpose of this activity is to assist the Government of India in 3 phases of improvement of Engineering Education: (1) an initial phase, FY 1953-57, which provided assistance for the development of 11 engineering schools; (2) a second phase FY 1958-63, focused on the post-graduate-cum-teacher training program in 5 demonstrational engineering schools, and (3) the third phase to train about 1500 engineering faculty members in the summers of 1964 and 1965 from all over India in U.S. teaching methods and techniques in their fields.

Expenditures:

Expected Obligations
for Project Completion:

FY 1953 - FY 1965 \$4,254,000

N O N E

FY 1966 111,000

FY 1967 (Est.) 149,000

NO ADDITIONAL FUNDING

Progress to Date:

The first phase of this activity 1953-57, provided 46 U.S. technicians for a total of 63 man years, trained 58 Indian participants in the U.S. and provided and equipped 11 engineering institutes with both books and scientific equipment valued at \$879,000. In the second phase from 1958-63, sixty-seven professors including summer school consultants completed 54 man years in India. About 300 graduates received training from American professors and another 150

engineering teachers obtained guidance from American guest professors. Beginning in 1959, the GOI awarded yearly 3-year fellowships to 100 top-ranking engineering graduates in five selected pilot institutes acting as demonstrational centers to train teachers. U.S. technicians, participant training, and commodities were provided by the University of Illinois to the Indian Institute of Technology, Kharagpur; by the University of Wisconsin to the Bengal Engineering College, Howrah and the University of Roorkee, Roorkee; and by Michigan State University to the College of Engineering at Guindy, Madras, and the College of Engineering, Poona. A total of 107 Indian engineering instructors have been afforded training in the U.S. as of June 1965. Research facilities have been established at the 5 engineering institutes. New curricula have been developed for the post-graduate research scholars in the fields of Civil, Electrical, and Mechanical Engineering. Seminars and lectures were held for Indian engineering professors on techniques and methods of instruction.

Methods for student assessments were introduced and better working relationships with industry were developed. New departments were established. Under the third phase, eight engineering and polytechnic summer schools were conducted in 1964 in the 4 regions of India with 424 faculty members attending. About 16 such schools were conducted in 1965 attended by approximately 1,000. In 1964, the University of Houston provided 14 summer school consultants for about 8 weeks each, 2 for 9 weeks and one group leader. The University of Wisconsin provided 14 consultants for about 6 weeks and one group leader.

INDIA

Project No. 386-11-650-063

Began: FY 1956

Proposed Terminal Date: FY 1969

MULTIPURPOSE SECONDARY EDUCATION
(Formerly Regional Colleges of Education)
(AID - OHIO State University)

Project Objective and Description:

The purpose of this activity is to develop by 1969 all of the four Regional Colleges of Education as models of organizational and operational efficiency in teacher education, to a point where each college will make a direct contribution to the educational development of the country.

<u>Expenditures:</u>		<u>Expected Obligations for Project Completion:</u>
FY 1956 - FY 1965	\$2,834,000	\$392,000
FY 1966	203,000	
FY 1967 (Est.)	480,000	
FY 1968 (Est.)	585,000	

Progress to Date:

This project operated in three distinct phases, each directed toward the improvement of education at the secondary level. During the first phase (1956-58), 54 extension centers were established in selected teacher trainer colleges in order to up-grade teachers of the secondary schools. A five-man staff from Ohio State University spent 7.5 man years giving assistance. About \$838,000 in materials and equipment were provided for the centers. The number of centers has since been increased to 74. The second phase (1959-61) was directed at strengthening 26 selected multipurpose schools. Five technicians from Ohio State were used plus substantial amounts of materials and equipment. The current phase is aimed at the establishment of 4 Regional Colleges of Education with 4 attached demonstrational secondary schools in an effort to prepare teachers in these 4 areas. The Colleges at Ajmer,

Bhubaneswar, and Mysore started operations in July 1963; Bhopal started its first year in July 1964.

Four demonstration schools, one at each college, have effective programs.

Thus far, 505 teachers have completed one-year post graduate B.Ed. programs at the 4 colleges in agriculture, commerce, industrial crafts, and science. There were 389 enrolled in other programs as of June 1, 1965. Current planning provides for an eventual enrollment of 1,000 at each college.

Nearly all buildings at the four campuses are complete. When the colleges became operational, six additional technicians were added and four more joined the program in the autumn of 1964. There are sixteen technicians at the four colleges and four additional ones are expected in the near future.

INDIA

Project No. 386-11-980-076

Began: FY 1955

Proposed Terminal Date: FY 1972

NUCLEAR ENGINEERING

Project Objective and Description:

The purpose of this activity is to assist the Government of India in developing its atomic energy resources and in carrying out research and development in the peaceful uses of atomic energy, including power; to incorporate atomic energy into the main streams on which its development depends and to foster close relationships between the nuclear scientific communities of India and the United States.

<u>Expenditures:</u>		<u>Expected Obligations for Project Completion:</u>
FY 1955 - FY 1965	\$800,000	N O N E
FY 1966	71,000	
FY 1967 (Est.)	127,000	
FY 1968 (Est.)	18,000	

Progress to Date:

This project began in FY 1956. An average of 20 trainees per year have been sent to the U.S. for the last 5 years.

Through FY 1964, 146 scientists had been sent for training. About 20 are currently in the U.S. In FY 1965, ten scientists were programmed for 12 months training. These participants returned to India September 1965. All training candidates and type of training has been made by the Trombay Scientific Committee and approved by the Trombay Council. The training program in recent years has shifted its emphasis from the basic type of training to the advanced specialized training in the basic nuclear sciences and other advanced areas. Extremely capable participants have been chosen and have performed excellent work in the U.S. and later in Indian upon their return.

INDIA

Project No. 386-11-660-184

Began: FY 1960

Proposed Terminal Date: FY 1968

NATIONAL INSTITUTE OF EDUCATION
(AID - TCCU)

Project Objective and Description:

The purpose of this activity is to assist the National Institute of Education (NIE) in the selection and training of a high quality faculty for all nine departments of the institution and to assist on-the-job training and participant training in the U.S.; to help develop a comprehensive graduate level program, a fundamental research program, and extend a program of services for both elementary and secondary teachers, including the development of instructional materials.

Expenditures:

Expected Obligations
for Project Completion:

FY 1960 - FY 1965	\$1,570,000
FY 1966	262,000
FY 1967 (Est.)	318,000
FY 1968 (Est.)	2,000

NONE

Progress to Date:

Contract activities by Teachers College, Columbia University (TCCU) began in FY 1960. Early assistance totaled 5 technicians and 3 consultants for 6 man-years, 5 participants for 49 man-months and \$284,000 in materials and equipment. Early assistance was given to 4 bureaus and agencies which are now departments of the National Institute of Education. The instructional program began at NIE in March 1963. Another class began in August 1964 and the third class started in August 1965. Four summer institutes for secondary teachers of mathematics and science were held in 1963. Sixteen summer institutes for almost 700 high school teachers were held in 1964. In 1965, 47 institutes were held with almost 2,350 high school teachers in attendance. Forty such programs were planned for the summer of 1966. Several hundred other types of training programs have been completed throughout the country by the extension centers with assistance from the members of the TCCU team. Assistance has been given to 94 training centers in preparing teachers.

Major emphasis has been with the NIE where all phases of development in the 9 departments have been assisted, including the construction program, research activities, teacher training, curricula development, acquisition of equipment, laboratory development and others. This project is scheduled for completion at the end of FY 1967.

INDIA

Project No. 386-11-670-232

Began: FY 1965

Proposed Terminal Date: FY 1970

ASSISTANCE TO EXPANSION OF LITERACY

Project Objective and Description:

The purpose of this activity is to give assistance to (a) Literacy Village, Lucknow, U.P., an organization sponsored by World Education, Inc., to carry on a broad range of activities in the field of literacy and communications training, including the publication of appropriate materials; and (b) the State of Punjab in the development and implementation of a one-year Pilot Adult Literacy Project at Nilokheri for teaching of Hindi literacy to adults in various villages, including training teachers, devising follow-up methods and conducting follow-up. To carry out these activities, funds generated from the sales of P.L. 480 commodities will be used. Dollar equivalents will be shown as expenditures.

<u>Expenditures:</u>		<u>Expected Obligations for Project Completion:</u>
FY 1965	\$ 3,000	N O N E
FY 1966	583,000	
FY 1967	453,000	
FY 1968	N O N E	

Progress to Date:

On December 30, 1964, AID/W authorized a P.L. 480 grant of U.S. Rupees 7,934,970 (L,660,000) to cover outlays from July 1, 1964 to June 30, 1969.

Through March 1965, a total of 303 factory and village teachers and supervisors were trained at different locations. During the reporting period, 3 adult schools and the Khejreival Project with 12 schools were operating as an experiment to determine the time

required to become functionally literate. An average of 42 adult schools and 20 schools under supervision were operated. A total of about 1,400 adults were enrolled. Nine books in several thousand copies each were produced. About 1,000 flash cards were prepared. One periodical for new literates was continued every month. One Hindi book was translated into the Kannada language and sent to press. A market mobile library was maintained. Puppet plays have been written and many were given reaching about 7,000 people. Three courses for 67 specialists were concluded. The extension libraries covered about 20 villages and issued about 20,000 books.

For the Nilokheri Project,, a grant of Rupees 137,050 (\$28,671) from P.L. 665 section 402, funds was signed May, 1965. A text for students has been prepared and 1,500 copies printed. Chart books for teachers are also being printed. Local staffs are being recruited, teacher trainers and supervisors are being trained, and adult literacy classes in 16 of the 20 villages are under way.

INDIA

Project No. 386-11-660-340

Began: FY 1966

Proposed Terminal Date: FY 1967

EQUIPMENT FOR TECHNICAL
AND SCIENTIFIC EDUCATION INSTITUTIONS

Project Objective and Description:

The purpose of this activity is to provide India with a loan proposed for FY 1966 (\$12,000,000) aimed at increasing her capacity for use of modern methods of technical and science education in institutes of higher learning and secondary schools.

The loan would provide financial assistance for procurement for scientific equipment, books, supplies, and teaching aids not available in India, and required for the laboratories, workshops, and classrooms where science and technical subjects are taught.

Expenditures:

Expected Obligations
for Project Completion:

	<u>Grant</u>	<u>Loan</u>	N O N E
FY 1966	-	\$5,600,000	
FY 1967	-	6,400,000	

Progress to Date:

The GOI has taken steps to establish the operational units required for the selection, procurement, shipment, and distribution of the academic commodities obtained under this loan. The Ministry of Education has been charged with the overall responsibility for the project.

The MOE officials will supervise all activities concerning the engineering colleges, polytechnic and regional "teacher colleges". Responsibilities for all other functions will be charged to the University Grants Commission. The Indian units will function in liaison with a counterpart staff of American technicians.

INDIA

Project No. 386-11-660-226

Began: FY 1965

Proposed Terminal Date: FY 1972

SCIENCE EDUCATION IMPROVEMENT
(Formerly - Summer Institutes and Sciences)

Project Objective and Description:

The purpose of this activity is the introduction of the "new approach" to the teaching of mathematics, the sciences, engineering, and applied technology; the arresting of current deterioration of English; accomplish a change in educational administration, procedures, and academic environment; and the promulgation of the newly scientific knowledge and skills throughout Indian education, especially in the Nation's secondary schools.

Expenditures:

Expected Obligations
for Project Completion:

FY 1965	None (new project)	\$5,915,000
FY 1966	\$1,201,000	
FY 1967 (Est.)	2,054,000	
FY 1968 (Est.)	2,326,000	

Progress to Date:

A total of 236 Summer Institutes in science were held in FY 1966. At these institutes, more than 4,000 teachers and 200 directors have been trained or received experience in operating specialized science programs.

INDIA

Project No. 386-11-660-150

Began: FY 1957

Proposed Terminal Date: FY 1972

INDIAN INSTITUTE OF TECHNOLOGY - KANPUR
(AID - Educational Services Inc.)

Project Objective and Description:

The purpose of this activity is intended to guide and support the GOI efforts to develop by 1970 an institution which possesses a science based undergraduate program for 1600 undergraduates with specialization at the post-graduate level for 400 students and an industry-oriented research program which is capable for setting standards for up-to-date functional engineering education throughout India. The services of a U.S. team of professors will be utilized.

<u>Expenditures:</u>		<u>Expected Obligations for Project Completion:</u>
FY 1957 - FY 1965	\$4,556,000	\$3,104,000
FY 1966	2,318,000	
FY 1967 (Est.)	2,438,000	
FY 1968 (Est.)	1,528,000	

Progress to Date:

The first phase of this project was begun when a survey team from the American Society for Engineering Education completed a survey in 1959. A short-term consultant worked for about 5 months with the IIT Director. Eventually, nine universities were called upon to give assistance through the Education Services Inc. The contract with ESI was signed in February 1962. The first 100 undergraduate students enrolled in 1960, 1961, and 1962. There were 1,172 undergraduate students enrolled in 1966.

Two hundred were admitted in 1963 and three hundred in 1964 to complete a five-year course. Twelve hundred acres of land have been set aside for a campus. In 1964, forty-two staff members plus five short-term consultants were at the post. About 200 man-months

of training has been given to participants.

Commodities valued at over 2 million dollars have been ordered and installed. The faculty in the professional grades tripled in FY 1964. About 30,000 books have been added to the library and a new library building has been completed.

Construction work at the site is on schedule. The Engineering Block 1 and the Engineering Science Block have been occupied. Officer's hostel has been completed along with 20 Type V faculty houses. Two student hostels are complete and work on the third has begun. Plans and designs of other facilities are complete. A IBM 1620 computer system has been installed for instructional purposes. Progress has been made in working plans for a Master's program in each of the several departments; doctoral degree programs are operating in mechanical engineering and physics, and are planned for other fields.

INDIA

Project No. 386-11-420-179

Began: FY 1960

Proposed Terminal Date: FY 1969

BOMBAY CENTRAL TRAINING INSTITUTE
(AID - Dunwoody Institute)

Project Objective and Description:

The purpose of this project is to assist the GOI to establish a central training institute at Bombay to accommodate 360 instructor trainees in 15 engineering trades, and to develop its vocational courses in five important trades.

Expenditures:

Expected Obligations
for Project Completion:

FY 1960 - FY 1965	\$781,000
FY 1966	100,000
FY 1967 (Est.)	176,000
FY 1968 (Est.)	172,000

NONE

Progress to Date:

AID has provided six advisors under the contract, training facilities at Dunwoody Institute for 13 senior masters, 3 CTI administrators, and 3 skill competition winners. Delivery of workshop, teaching, and demonstration equipment worth \$330,000 is complete.

IRAN

Project No. 265-11-530-091

Began: FY 1953

Proposed Terminal Date: FY 1968

PAHLAVI UNIVERSITY

(AID - University of Pennsylvania)

Project Objective and Description:

The purpose of this activity is to assist the Government of Iran in its efforts to establish a university of high quality in Shariz, patterned after the American system of higher education and designed to meet the particular needs of Iran.

<u>Expenditures:</u>		<u>Expected Obligations for Project Completion:</u>
FY 1953 - FY 1965	\$1,907,000	N O N E
FY 1966	121,000	
FY 1967 (Est.)	585,000	
FY 1968 (Est.)	71,000	

Progress to Date:

The first AID contract with the University of Pennsylvania was signed in 1962. The contract was amended in 1964 to permit support of the university as a whole.

An independent board of trustees has been appointed and a separate charter giving flexibility and autonomy has been issued to the university by Parliament in 1965.

A program for the conduct of student entrance examinations and acceptance has been established. A summer session for five weeks for students entering the university in 1965 was conducted for the first time. The organization of integrated curricula for the College of Arts and Science, and the schools of agriculture, medicine, and engineering has been achieved. This project is terminating in FY 1968.

IRAN

Project No. 265-11-610-231

Began: FY 1962

Proposed Terminal Date: FY 1967

VOCATIONAL EDUCATION

Project Objective and Description:

The purpose of this activity is to assist the Ministry of Education develop the two areas of Trade and Industrial Education and Vocational Agricultural Education which will be instrumental in improving the economy of the country.

Expenditures:

FY 1962 - FY 1965	\$541,000
FY 1966	119,000
FY 1967 (Est.)	60,000

Expected Obligations
for Project Completion:

N O N E

Progress to Date:

a. Trade and Industrial Education:

A new president was appointed to the Technical Teachers College in 1964. In 1965, practice teaching was initiated for the first time, an industrial advisory committee was formed, and summer and night courses were established. Work on about 30% of the nine shop courses is complete.

About 42% of the work on the five pedagogical courses have been accomplished. Arrangements for the 1966 evening courses is about 25% complete and plans for developing the summer courses have begun. School enrollment in 1964-65 totaled 803. It is expected the enrollment for 1965-66 will reach about 1008. In June 1965, the first group of 73 finished their college courses.

About 270 students were admitted to the Trade School which is attached to the Teachers College and has been in operation about two years.

b. Vocational Agriculture Education:

Two participants trained in the U.S. have taken positions in the Rural and Agricultural Education Department of the Ministry of Education. Two special groups of people were trained at the Karadj Voca-

tional Agricultural Demonstration Center (KVAEDC) in 1965. Sixty-four employees of the Ministry of Agriculture and 200 Literacy Corpsmen were given instruction for 11 and 9 months respectively. Production equipment for the reproduction laboratory has been installed. A record system and organizational chart to be used by the farm machinery and vehicle section has been established. Efforts are still being made to find some solution to permit graduates from the Vocational Agricultural Centers to enter the agricultural colleges. The Shiraz Agricultural College will permit these students to take entrance examinations. However, Karadj, Ahwaz, and Tabriz colleges require the students from the agricultural centers to pass the natural science examination of the academic high schools before applying for entrance. This project is terminating in FY 1967.

JORDAN

Project No. 278-11-690-112

Began: FY 1964

Proposed Terminal Date: FY 1969

BIR ZEIT COLLEGE
(AID - Bir Zeit College)

Project Objective and Description:

The purpose of this activity is to improve the quality of English language training in the Jordanian school system by providing two years training at the undergraduate level for 20-30 secondary school graduates per year who will become English teachers.

Expenditures:

FY 1965	\$18,000
FY 1966	27,000
FY 1967 (Est.)	23,000
FY 1968 (Est.)	12,000

Expected Obligations
for Project Completion:

None

Progress to Date:

This project began when FY 1964 funds under a project agreement was signed in May 1964 by USAID, Jordan Development Board and Bir Zeit College. Undergraduate instruction began for 17 students during the academic year 1964-65. Four of this number dropped the training because of academic failure. It was proposed to start 26 new students for the academic year 1965-66, however, up to August 1965, only 11 new students had been nominated. This project is terminating in FY 1968.

JORDAN

Project No. 278-13-690-990

Began: FY 1959

Proposed Terminal Date: FY 1970

ARAB DEVELOPMENT SOCIETY

(AID - Arab Development Society)

Project Objective and Description:

The purpose of this activity is to assist the Jordanian Government train 100 orphan boys between the ages of 10 and 18 years each year, giving them one year of training in vocational skills by providing financial support for food, clothing, and educational expenses at the Arab Development Society's Training Center in the Jordan Valley.

Expenditures:

Expected Obligations
for Project Completion:

FY 1959 - FY 1965	\$501,000	\$12,000
FY 1966	75,000	
FY 1967 (Est.)	63,000	
FY 1968 (Est.)	38,000	

Progress to Date:

Eight hundred (800) students have received one year of training in vocational skills. The Arab Development Society has provided all training equipment, shops and facilities, housing facilities, a faculty for supervision and instruction, and a farm of 1,000 acres with related farm shops, processing equipment, service facilities and a power plant.

Facilities are continuing to be improved and additional acreage added to the farm. In FY 1966, more than 1,200 acres were in productivity.

Plans for follow-up information on graduates have been developed.

Prior financial assistance for dormitories, equipment and tools, and the sponsoring of 100 students per year since 1958 was an activity of AID.

NEPAL

Project No. 367-11-650-060

Began: FY 1963

Proposed Terminal Date: FY 1972

TECHNICAL EDUCATION

(Formerly Secondary Education)

Project Objective and Description:

The purpose of this activity is to assist the GON Ministry of Education develop a system of multi-purpose secondary (comprehensive vocational) schools designed and organized to develop the great potential of the heretofore undertapped human resources of the nation's youth; complete the conversion of selected high schools to multi-purpose schools throughout the 14 zones, continue the training of teachers in the various vocational specialities and provide opportunities for out-of-school personnel in an effort to add to the economic and social development of Nepal.

Expenditures:

FY 1963 - FY 1965	\$555,000
FY 1966	79,000
FY 1967 (Est.)	208,000
FY 1968 (Est.)	294,000

Expected Obligations
for Project Completion:

\$1,172,000

Progress to Date:

In 1961, USAID introduced into the secondary schools the philosophy of vocational education. A class of vocational teachers was initiated in the College of Education in Kathmandu.

The GON established a Division of Secondary Education within the Ministry of Education. Home science laboratory methods were introduced in the College of Education. A multi-purpose high school was established in Pokhara. In 1962, four additional multi-purpose high schools were established, equipped and staff provided. In 1963, four rural secondary schools were converted to multi-purpose high schools. In 1964, schools being converted to multi-purpose high schools were completed making a total of 9 and 3 additional ones were selected for conversion. From FY 1961 to FY 1965, one hundred and thirty teachers from 12 schools had been given in-service training through grade levels

of 6, 7, 8, and 9. Forty-one participants have been trained in the U.S. or in third countries for the specialized practical teaching functions in the vocational education programs in Nepal. A demonstration multi-purpose high school and technical institute has been developed at Sano Thimi near Kathmandu.

Curricula have been developed and introduced for grades 6, 7, 8, 9, and 10 in Vocational Agriculture, Home Economics, Trade and Industry, Secretarial Science, and General Science. Textbooks in Nepali language has been developed in grades 6, 7, 8, 9, and 10 in Agriculture and Trade and Industry and in grades 6, 7, and 8 in Home Science. A Vocational Education Department has been established in the Ministry of Education and a National Vocational Education coordinator and five national specialists in Vocational Education have been appointed.

NEPAL

Project No. 367-11-690-063

Began: FY 1959

Proposed Terminal Date: FY 1967

EDUCATIONAL MATERIALS

Project Objective and Description:

The purpose of this activity is to assist the Ministry of Education of Nepal fill the gap in books and other educational materials by providing educational institutions with adequate teaching and learning materials, with regard to both quality and quantity, by the establishment of an educational materials organization within the Ministry of Education capable of creating, producing, and distributing sufficient teaching aids in order to meet the needs of a present primary and secondary school enrollment of 430,000 pupils and an expanding demand through FY 1967 and beyond.

Expenditures:

FY 1959 - FY 1965	\$692,000
FY 1966	62,000
FY 1967 (Est.)	38,000
FY 1968 (Est.)	71,000

Expected Obligations
for Project Completion:

\$32,000

Progress to Date:

An agreement was signed in October 1960 between the GON and USAID establishing the Educational Materials Organization. It is composed of two divisions; the policy making and planning body and the operating unit. The operating unit has two sections; the writer's section and the production and distribution section.

Priorities and standards for texts and other materials have been established.

New curricula for elementary, middle school, and three secondary-vocational schools have been developed. Sixty-four textbook manuscripts have been written. Scripts for two weekly radio programs and two magazines have been prepared.

On-the-job training has been carried out in various production skills.

Eight hundred thousand (800,000) copies of 22 titles have been published and are being distributed. Construction is in process on the permanent Education Materials Center at Sano Thimi. It will be the first true publishing house in Nepal's history. All furniture for the Center has been planned. Other accomplishments from the P.L. 480 program include the equipment for the Center, planning and construction of the new Center, 64 textbook manuscripts and teachers' guides written, printed, and distributed, 22 original textbooks with teachers' guides reprinted and distributed, 7 readers and a bi-monthly news sheet. A series of 10 mimeographed texts for vocational agriculture and trades and industry classes plus a series of 26 instructional pamphlets for home science classes were produced. A new press, doubling textbook production capacity, was installed.

The major problem confronting the Education Materials Center is distribution of textbooks.

NEPAL

Project No. 367-11-690-093

Began: FY 1954

Proposed Terminal Date: FY 1972

TEACHER EDUCATION

(Formerly Primary and Teacher Training)

Project Objective and Description:

The purpose of this activity is to provide through FY 1967 a continuing supply of trained teachers and education administrators sufficient in quality and number to meet the needs of the primary and secondary schools of Nepal and to continue the development of the national system of primary education (grades 1-5).

<u>Expenditures:</u>		<u>Expected Obligations for Project Completion:</u>
FY 1954 - FY 1965	\$1,529,000	\$1,002,000
FY 1966	38,000	
FY 1967 (Est.)	70,000	
FY 1968 (Est.)	185,000	

Progress to Date:

Until the beginning of FY 1966, this activity was made up of Primary Education (367-11-640-059) and Higher Education (367-11-660-061).

A. Primary Education

In 1954, two percent (26,000) of the primary school age children were in school. At the close of FY 1965, the Ministry of Education reported that 347,000 (24.7%) primary children were in school. The number of primary schools in the same period has grown from 920 to 5,637. A new curriculum has been developed. New types of textbooks and instructional materials have been selected and produced. In FY 1964, 1,400 uncompleted schools were completed and another 1,400 were completed in FY 1965. At least 4,000 kits of instructional materials have been distributed and training in their use has been given. Two training programs are in operation to up-grade teachers. During the

past three years, about 1,500 teachers each year have been given training in order to prepare them for the School Leaving Certificate Examination.

B. Higher Education

Approximately 5,200 primary school teachers have been given training from 10 to 20 months. The College of Education, established in 1956, has graduated 193 secondary school teachers. Thirty-nine participants have received training in the U.S.

Eighty percent of the faculty of the College of Education is made up of returned participants. New syllabi have been prepared and fundamental changes have improved professional courses. The new educational complex at Kirtipur site is about 50 percent complete. An extension of the College of Education has been opened at Birgunj. A master's degree was initiated in the College of Education in FY 1965. Three eight-week in-service workshops for secondary teachers and two for primary teachers have been concluded. Several in-service training courses have been held for 60 normal school staff members.

Other accomplishments under the P.L. 480 program would include such things as the beginning of 2,700 new schools, the providing of curriculum materials to 4,500 classrooms, providing in-service training to 3,800 primary school teachers and 174 secondary school teachers, developing one laboratory school, helping to up-grade 3,000 primary teachers to high school diploma level, developing and equipping science laboratories at the College of Education and other selected science colleges.

C. Modification of Project

It has been decided to modify this project, focus on teacher education, improve the quality of the educational process and alter it to insure that its purposes are related to the needs of Nepal. The Teacher Education project is intended to become the central point for broad educational development.

PAKISTAN

Project No. 391-11-660-053

Began: FY 1959

Proposed Terminal Date: FY 1970

TEACHER TRAINING INSTITUTES
(AID - University of Indiana)
(AID - Colorado State College)

Project Objective and Description:

The purpose of this activity is to establish Institutes of Education and Research at the University of Punjab and the University of Dacca as a means of meeting the growing manpower needs for development. The institutes have particular relevance to training of teachers for secondary education which has been identified as a strategic link in the development of high level manpower.

Expenditures:

Expected Obligations
for Project Completion:

FY 1959 - FY 1965	\$2,911,000	\$251,000
FY 1966	553,000	
FY 1967 (Est.)	437,000	
FY 1968 (Est.)	288,000	

Progress to Date:

The objectives for these two institutes will be met separately and at different stages, consequently, their progress will be treated separately:

a. Institute of Education and Research - Lahore

Since 1961, 90 man-years of post-graduate training have been given in the U.S. under the 1965 program; 12 participants are now in training. The institute's four departments of Primary, Secondary, Business Education, and Industrial Arts are now completely staffed by returned participants. About 39 participants have been trained or are in training. Since the beginning of the project, 672 man-months of technical assistance have been provided by the University of Indiana in Education and Research. Two new degrees (MA and M.Ed.) were initiated in 1962. Enrollment has steadily increased to 382 full-time and 75 part-time

students. The 1964-65 enrollment was 457. The number of Master's Degrees have increased from 38 in 1960 to 200 in 1964.

In addition to regular classwork, the institute has offered numerous short courses.

Research is being carried out in basic vocabulary areas and in textbook and materials production.

Some research development is underway in the development of intelligence and aptitude tests.

The institute has moved into the new classroom-office building. The auditorium is complete and both were air-conditioned in 1965. Thirteen faculty units are complete, a student hostel for 320 is in use, and the library is in use and has 14,845 books with an expectation of 5,000 to be added. In addition, there are adequate numbers of film strips, tapes, films (16 mm), periodicals, pamphlets, and journals. The industrial program has adequate materials and equipment for its training programs.

b. Institute of Education and Research - Dacca

In order to help meet the objectives of this project, the Colorado State College has been contracted for assistance. The first team member arrived in 1960. Six departments have been established: Elementary Education, Secondary Education, Education Research, General Education, Education Administration, and Educational Psychology and Guidance. Several of the U.S. specialists serve in more than one department as circumstances warrant.

As of June 1965, twenty-four participants have been trained in the U.S. while 32 are presently studying here. A total of 56 participants will have studied under the Colorado contract. Advisors are gradually being replaced by returning participants. The office and classroom building has been completed. The Institute library has been expanded to about 20,000 volumes and 135 periodicals.

In 1964, the Institute initiated a two-year program leading to a Master's Degree. A Ph.D. degree is planned for 1967. To date, 654 students have been enrolled in the IER and 320 have received M.Ed. degrees.

A laboratory school was established in May 1964 to provide training and research to students. Textbooks and other instructional materials have been developed. Programs in research have been started. Evening classes and short courses have been conducted through the extension program.

The testing program has been improved and based upon accepted procedures. Other academic standards have been incorporated into the teaching program and faculty-student relationships have been improved.

Faculty members have been accorded all privileges of regular university members.

PAKISTAN

Project No. 391-11-610-216

Began: FY 1958

Proposed Terminal Date: FY 1968

SKILLED LABOR TRAINING
(AID - University of Hawaii)

Project Objective and Description:

The purpose of this activity is to help the Government of Pakistan meet the growing demands of skilled labor in its rapidly expanding industry. In order to accomplish this goal, a university contract with the University of Hawaii was arranged.

Expenditures:

Expected Obligations
for Project Completion.

FY 1958 - FY 1965	\$1,026,000	N O N E
FY 1966	302,000	
FY 1967 (Est.)	142,000	
No future funding		

Progress to Date:

In the establishment of two Skilled Trades Training Centers, basic construction of administrative buildings, workshops, hostels, and auxiliary buildings for staff quarters in Dacca and Karachi were completed in February 1963. Virtually all equipment has been purchased and installed at both centers. Buildings for foundry and garages for both centers have been started. Materials for an auditorium at the Dacca Center have been delivered. Qualified students have completed one cycle of 18 month training in Machine Woodworking, Electricity, Radio and Electronics, Machines, Welding Sheet Metal, Automotive, Civil Drafting, and Mechanical Drafting. A special group of police trainees have completed training in Automotive repair at both centers. On-the-job training has been given to 19 instructors. Instructional materials and course outlines have been prepared. Construction of the Training Center at Rajshahi in East Pakistan has started. Plans call for 10 shop buildings, an administration building with classrooms, an auditorium, and staff and student hostels. Student body make-up at Rajshahi tentatively has been established at 330. An additional training center of the same nature has been established at Peshawar with a student enrollment of approximately 360.

PAKISTAN

Project No. 391-11-660-146

Began: FY 1961

Proposed Terminal Date: FY 1970

AGRICULTURAL UNIVERSITY - WEST PAKISTAN

(AID - Washington State University)

Project Objective and Description:

The purpose of this activity is to assist the Government of Pakistan develop the faculty, research capabilities and physical facilities of the West Pakistan Agricultural University with a view to enable it by 1970 to: (1) accommodate 3,500 students; (2) provide 50 percent of the degree holding agricultural technicians required (400) annually for the development of Agriculture in the Indus Plain; and (3) conduct research and refresher courses in direct support of the Government's development project activities.

<u>Expenditures:</u>		<u>Expected Obligations for Project Completion:</u>
FY 1961 - FY 1965	\$574,000	\$286,000
FY 1966	359,000	
FY 1967 (Est.)	477,000	
FY 1968 (Est.)	431,000	

Progress to Date:

In 1962, a master plan for the development of the plant was approved.

Even though some delays have been experienced, two student hostels are now nearing completion and additional classroom and laboratory space has been provided by renovation of existing facilities. In 1967, construction is expected to continue on faculty buildings, administrative buildings and the library. University land has been increased from 719 acres in 1961 to 3,000 acres in 1965. Physical facilities are now being expanded by a loan of \$5.9 million secured from the International Development Association. The teaching and administrative staff has been expanded from 118 in 1961 to 291 in 1965. Forty-two members of the staff are presently studying in the U.S. Full-time enrollment was approximately 1,700 in 1966. It is expected to reach 3,500 by 1970. In 1964-65, another 1,500 students were reached through short non-degree courses. Almost 600 research projects are currently in some stage of implementation and more than 170 such projects were completed during the past 3 years for which summaries have been prepared.

PAKISTAN

Project No. 391-11-660-278

Began: FY 1967

Proposed Terminal Date: FY 1971

SUMMER SCIENCE INSTITUTES

(AID - Teachers College, Columbia University)

Project Objective and Description:

The purpose of this project is to improve science teaching in Pakistan by conducting a series of six-weeks in-service training courses for secondary, intermediate, and college teachers of mathematics, chemistry, and physics during 1967-1970. Under a contract with Teachers College, the mission will finance a team of 36 advisors and one full-year Resident Coordinator for a total of 84 man-months to conduct 12 courses for science teachers in the summer during CY 1967.

Expenditures:

FY 1967 (Est.)	\$273,000
FY 1968 (Est.)	374,000

Expected Obligations
for Project Completion:

\$160,000

Progress to Date:

This is a new project.

PAKISTAN

Project No. 391-11-690-276

Began: FY 1967

Proposed Terminal Date: FY 1970

COMMERCIAL INSTITUTE - EAST PAKISTAN

Project Objective and Description:

The purpose of this project is to train administrative and teaching staff who will organize and establish 14 two-year Commercial Training programs for training skilled clerical personnel in modern office management procedures for business and industry. This will be done by a mission contract team of two technicians in Commercial Education.

Expenditures:

FY 1967 (Est.) \$ 34,000
FY 1968 (Est.) 173,000

Expected Obligations
for Project Completion:

\$227,000

Progress to Date:

This is a new project.

TURKEY

Project No. 277-11-610-346

Began: FY 1962

Proposed Terminal Date: FY 1972

TECHNICAL AND VOCATIONAL EDUCATION

Project Objective and Description:

The purpose of this activity is to provide assistance to the Ministry of Education in developing a system of technical and vocational education that will utilize effectively every formal and informal means of modern technical training to meet Turkey's current and future needs for qualified technical manpower, by the introduction and development of new curricula, teaching methods, teaching materials, textbooks and libraries in the technical and vocational schools while special emphasis is being given to the development of trade standards, job analysis, testing materials and techniques and teacher work-experience programs.

<u>Expenditures:</u>		<u>Expected Obligations for Project Completion:</u>
FY 1962 - FY 1965	\$397,000	\$3,396,000
FY 1966	85,000	
FY 1967 (Est.)	252,000	
FY 1968 (Est.)	326,000	

Progress to Date:

This is a new project and very little progress has been made to date. However, a step by step program objective has been developed and approved with the Ministry of Education. The project is further supported by the report of a U.S. vocational expert. The Under-secretariat has created a new General-Directorate for Manpower Planning and for Technical Education Planning. The American Vocational Association has expressed an interest in this project. The number and type of technicians to implement this project has been identified. Project efforts are concentrated in the Men's Technical Teacher Training College (MTTC).

TURKEY

Project No. 277-11-680-398

Began: FY 1967

Proposed Terminal Date: FY 1971

NATIONAL EDUCATION RESEARCH AND PLANNING

(AID - Contract to be determined)

Project Objective and Description:

The purpose of this activity is to assist the Ministry of Education put into operation its newly created National Education Budget and Planning Department which is designed to determine the country's education requirements; assist in the preparation of basic informational materials leading to formulation of policies and programs; and prepare the budgets necessary for their support.

Expenditures:

Expected Obligations
for Project Completion:

FY 1967 (Est.)	\$167,000	\$997,000
FY 1968 (Est.)	308,000	

Progress to Date:

This is a new project and accomplishments are few to date.

The Turkish Government, however, has shown great interest in this activity by discussing in great detail the work involved. Two U.S. educational advisors spent 30 days in October 1965 conducting an intensive study of the proposed project and preliminary observations indicate their professional judgement will support closely the design of the project as described. The number and type of technicians needed have been identified. The "scope of work" has also been drafted. The Ministry of Education had taken steps to support this project by appointing a director and selecting a skeletal staff along with office space and certain amount of other supporting personnel and materials and equipment.

TURKEY

Project No. 277-11-770-357

Proposed Terminal Date: FY 1968

ACADEMIES OF ECONOMICS AND COMMERCE
(AID - Michigan State University)

Project Objective and Description:

The purpose of this continuing project is to assist the Ministry of Education to improve the quality of graduates of the Academies of Economics and Commerce so that they may contribute to the growth of the Turkish economy. The four Academies of Economics and Commercial Sciences are four-year, university level institutions whose enrollments make up about twenty percent of higher education in Turkey.

Expenditures:

Expected Obligations
for Project Completion:

FY 1960 - FY 1965	\$122,000
FY 1966	176,000
FY 1967 (Est.)	334,000
FY 1968 (Est.)	263,000

N O N E

Progress to Date:

The contract technicians are encouraging closer cooperation among the four Academy presidents and their staffs. This awareness of the four Academies of the value of working together could be one of the most valuable results of the project.

Eleven participants, candidates for MBA degrees, presently in the U.S., will finish their studies during the next two years.

Activities of the contract technicians include preparing textbooks, revising curricula, introducing new courses, holding a seminar and working with faculty members to improve the quality of instruction.

U.A.R.

Project No. 263-11-660-277

Began: FY 1962

Proposed Terminal Date: FY 1969

ENGINEERING EDUCATION - UNIVERSITY OF ASSIUT
(AID - Mid-American State Universities Association (MASUA))

Project Objective and Description:

The purpose of this activity is to assist the United Arab Republic to relieve the shortage of engineering talent in the UAR by helping in the development of the University of Assiut, the first provincial university in Upper Egypt, including the faculty, in order to graduate 700 engineers annually by 1970.

Expenditures:

Expected Obligations
for Project Completion:

FY 1962 - FY 1965	\$300,000	\$399,000
FY 1966	164,000	
FY 1967 (Est.)	507,000	
FY 1968 (Est.)	507,000	

Progress to Date:

A contract team, composed of 2 mechanical engineers, 2 civil engineers, and one electrical engineer, was recruited from member universities of the Mid-American State Universities Association (MASUA). The team is in its third academic year at Assiut. They have recently been joined by five other contract engineering professors.

Universities currently furnishing professors under the MASUA contract are Kansas State, Iowa State, and Colorado State. English classes are being taught, assistance has been given to the faculty, and U.S. technicians are helping improve the organization and layout of the library and laboratories.

The chief problems faced by the contract team have been insufficient textbooks, language barriers, too large classes, and poor faculty contact.

YEMEN

Project No. 279-11-690-004

Began: FY 1960

Proposed Terminal Date: FY 1970

SPECIAL SCHOLARSHIPS ACTIVITY (LEBANON)

Project Objective and Description:

The purpose of this activity is to provide training to promising Yemeni in educational institutions in Lebanon in the fields of Secondary Education, vocational skills, and in-service training in public administration skills. There are no such training institutions in Yemen and this is an effort to up-grade the local human resources in order to improve the political, social, and economic development of the country.

Expenditures:

Expected Obligations
for Project Completion:

FY 1960 - FY 1965	\$ 7,000	\$802,000
FY 1966	171,000	
FY 1967 (Est.)	290,000	
FY 1968 (Est.)	206,000	

Progress to Date:

This activity was initiated in the fall of 1960. The early programs provided training at the secondary and university level at schools in Lebanon. All university level training is now handled under the regional contract (AID/AUB). Secondary students have been placed in Gerard at Sidon, Lebanon or the National College at Chouefat, Lebanon. Beginning in July 1964 all secondary level students are enrolled in the Chouefat National College. To date, approximately 206 students have been given training by this activity. About 47 have completed training at the Chouefat school and some have continued their study at the American University of Beirut. The remaining participants have been employed in positions in Yemen.

REGIONAL

Project No. 298-13-990-015

Began: FY 1951

Proposed Terminal Date: (Continuing)

AUB REGIONAL TRAINING

Project Objective and Description:

The purpose of this activity is to assist the American University of Beirut (AUB) in training NESAs and African participants in specialities that will contribute to their country's economic and social progress. Specialized training is given in education, agriculture, engineering, public health, nursing, pharmacy, and public administration.

Expenditures:

FY 1951 - FY 1966	\$27,420,000
FY 1967 (Est.)	3,300,000
FY 1968 (Est.)	3,400,000

Expected Obligations
for Project Completion:

Progress to Date:

More than six hundred full-time participants are currently attending AUB under the AID - financed contracts. During the summer of 1965, sixty-four students received specialized training in short-term courses. From 1951 through the academic year (1965), three thousand participants have been in training at AUB. The majority of teachers in Jordan holding B.A. degrees are graduates of AUB. One hundred and eighty prospective teachers from thirteen countries are currently attending AUB.

III. PROJECT ASSISTANCE

C. AFRICA

<u>Country</u>	<u>Project Title</u>	<u>Project Number</u>
Cameroon	1. Secondary Education	694-11-650-014
	2. Manpower Training	694-11-690-005
Congo	1. Specialized Post University Training Program	660-11-720-016
Ethiopia	1. Vocational and Practical Arts Teacher Training	663-11-610-122
	2. Haile Selassie I University	663-11-660-060
	3. Agricultural Education and Research	663-11-110-002
	4. University Business Education	663-11-660-121
	5. Education Administration and Program Development	663-11-680-001
Ghana	1. Vocational Agricultural Education	641-11-110-008
Guinea	1. Industrial and Vocational Training	675-11-610-004
	2. Developmental Training	675-11-690-003
	3. Participant Support	675-11-690-012
Kenya	1. Polytechnic Expansion	615-22-610-109
	2. Vocational Agriculture Education	615-11-620-110

C. AFRICA (continued)

<u>Country</u>	<u>Project Title</u>	<u>Project Number</u>
Kenya	3. English Language Teacher Training	615-11-640-107
	4. Radio/Correspondence Education	615-11-650-129
Liberia	1. Vocational Education	669-11-610-013
	2. Rural Teacher Training Institute	669-11-640-012
	3. Rural School Development	669-11-640-037
	4. University of Liberia	669-11-660-047
	5. Education Administration and Training	669-11-680-050
	6. Monrovia Consolidate School System	669-11-690-073 669-21-690-073
	7. Education Measurement and Testing	669-11-690-085
	8. Textbooks and Materials Development	669-11-690-092
Malawi	1. Malawi Polytechnic	612-11-610-137
	2. Teacher Education--Soche Hill Teacher Training College Development	612-11-660-157 612-21-660-157
Mali	1. Vocational Training	688-11-610-010
	2. Higher T. T. College	688-11-660-011 688-22-660-011
	3. Training for Development Needs	688-11-690-007
Nigeria	1. Technical College Ibadan	620-11-610-736
	2. Engineering Training Programs	620-11-610-738

C. AFRICA (continued)

<u>Country</u>	<u>Project Title</u>	<u>Project Number</u>
Nigeria	3. N. Nigerian Teacher Education	620-11-640-710
	4. Aiyetoro Comprehensive Secondary School	620-11-650-734
	5. Port Harcourt Comprehensive Secondary School	620-11-650-735 620-22-650-735
	6. University of Nigeria	620-11-660-602
	7. Federal Advanced Teachers College	620-11-660-730
	8. Advanced Teachers College of Education - Ibadan Branch	620-11-660-731
	9. Kano Teacher Training College	620-11-660-732
	10. Modern Aids to Education	620-11-690-208
	11. Educational Book Program	620-15-690-723
	12. Test Development and Research	620-11-690-746
	13. Educational Planning and Advisory Services	620-11-690-747
	14. Agricultural Education, Research and Extension--Eastern Nigeria	620-11-110-722
	15. Faculty of Agriculture--University of Ife	620-11-110-742
	16. Faculty of Agriculture and Veterinary Medicine--Ahmadu Bello University	620-11-110-743
	17. Agricultural Education--Western Nigeria	620-11-110-744
	18. Agricultural Education--Northern Nigeria	620-11-110-745
	19. Faculty of Business--University of Lagos	620-11-770-739
	20. Zaria Institute of Administration	620-11-770-740

C. AFRICA (continued)

<u>Country</u>	<u>Project Title</u>	<u>Project Number</u>
Sierra Leone	1. Human Resources Development	636-11-690-004
	2. Rural Education Improvement	636-11-690-008
	3. Rural Training Institutes	636-11-110-001
	4. Njala University College	636-11-110-015
Somali	1. Education Improvement	649-11-640-036
	2. Scholarship Program	649-11-690-043
	3. Communications Media Training	649-11-960-044
Sudan	1. Technical Education	650-11-610-007
	2. University of Khartoum	650-11-660-085
	3. Educational Development Support	650-11-690-063
	4. School Architectural Services	650-11-690-066
	5. School Construction	650-22-690-074
Tanzania	1. Technical Education	621-11-610-050
	2. Zanzibar Technical College	621-12-610-078
	3. Secondary Vocational Agriculture	621-11-620-074
	4. Teacher Training and Development	621-22-650-004
	5. Education Materials and Advisory Services	621-11-690-065

C. AFRICA (continued)

<u>Country</u>	<u>Project Title</u>	<u>Project Number</u>
Tunisia	1. University of Tunis	664-11-660-073 664-21-660-073
	2. U.S. University Education	664-11-660-153
Uganda	1. Comprehensive Secondary Girls' School	617-11-650-011
	2. Secondary School Expansion	617-22-650-017
	3. Kyamboga Teacher Training College	617-22-660-018
	4. Educational Development	617-11-690-027
	5. Primary T.T. College--Feasibility Study	617-12-660-028
	6. Primary T.T. College--Construction	617-22-660-030
	7. Educational Development Media	617-11-690-046
	8. Agricultural Education	617-11-110-023
Zambia	1. Educational Development Support	611-11-660-128
	2. College of Further Education	611-11-670-130
	3. Mass Education Media	611-11-690-151
East Africa Regional	1. Teacher Education in East Africa	618-11-650-617
	2. Veterinary Faculty, University of East Africa	618-11-660-602
	3. University College, Nairobi	618-11-660-609 618-22-660-609
	4. University College, Dar-es-Salaam	618-22-660-611

C. AFRICA (continued)

<u>Country</u>	<u>Project Title</u>	<u>Project Number</u>
East Africa Regional	5. University of East Africa General Support	618-11-660-614
	6. Makerere University College Loan	618-22-660-623
	7. Makerere Agriculture Faculty	618-11-120-618
AFR Regional	1. African Graduate Fellowship Program (AFGRAD)	698-11-660-062
	2. American University of Beirut	698-11-660-083
	3. Scholarship Planning/Manpower Utilization	698-11-660-102
	4. African Scholarship Program of American Universities (ASPAU)	698-11-660-603
	5. Regional Education Grants	698-11-660-613

CAMEROON

Project No. 694-11-650-014

Began: FY 1963

Proposed Terminal Date: FY 1969

SECONDARY EDUCATION

(College of Arts, Science, and Technology)

Project Objective and Description:

The purpose of this activity is to assist the Government of Cameroon establish a college in order to create a bridge to higher education for approximately 50 per cent of the secondary school graduates in West Cameroon and provide terminal education for those students not continuing their training and to add the sciences to the curriculum which formerly contained subjects in the arts. The institution will become the College of Arts and Science.

Expenditures:

Expected Obligations
for Project Completion:

FY 1963 - FY 1965	\$199,000	\$15,000
FY 1966	103,000	
FY 1967 (Est.)	95,000	
FY 1968 (Est.)	76,000	

Progress to Date:

The Principal, a Canadian expatriate, has been replaced by an American advisor along with a Cameroonian counterpart charged with the administration of the institution. Five Peace Corps volunteers are to continue at the college in addition to two Cameroonian teachers. Chemistry, Physics, and Biology have been added to the curriculum. Agriculture was added to the curriculum in 1964-65. The student enrollment has been increased from 52 to 220. A few students from East Cameroon have been allowed to enter training.

The staff for school year 1966-1967 has ten Cameroonian members.

CAMEROON

Project No. 694-11-690-005

Began: FY 1962

Proposed Terminal Date: FY 1972

MANPOWER TRAINING

Project Objective and Description:

The purpose of this activity is to finance short-term technical training and long-term college level training in the fields (such as agriculture and engineering) where the lack of trained manpower is a particularly critical factor in economic development.

<u>Expenditures:</u>		<u>Expected Obligations for Project Completion:</u>
FY 1962 - FY 1965	\$ 94,000	\$120,000
FY 1966	74,000	
FY 1967 (Est.)	120,000	
FY 1968 (Est.)	66,000	

Progress to Date:

Five short-term participants have been sent to the U.S. for training.

Fifty-nine participants have returned to Cameroon and are making use of the training received in the United States.

REPUBLIC OF CONGO

Project No. 660-11-720-016

Began: FY 1961

Proposed Terminal Date: FY 1970

SPECIALIZED POST UNIVERSITY TRAINING PROGRAM

Project Objective and Description:

The purpose of this project is to assist local universities in the Africanization of their teaching staffs by affording Masters and Ph.D. training to qualified Congolese nominated as professors by the Universities and, to provide specialized training in priority fields such as public administration and engineering.

Expenditures:

Expected Obligations
for Project Completion:

FY 1961 - FY 1965	\$1,918,000	\$304,000
FY 1966	58,000	
FY 1967 (Est.)	66,000	
FY 1968 (Est.)	72,000	

Progress to Date:

As of July 1966, 453 participants have completed training, thirty are in training and six additional ones are awaiting departure.

ETHIOPIA

Project No. 663-11-610-122

Began: FY 1966

Proposed Terminal Date: FY 1972

VOCATIONAL AND PRACTICAL ARTS TEACHER TRAINING

(AID - University of Utah)

Project Objective and Description:

The purpose of this project is to (1) establish a four-year program of instruction to prepare high school graduates for vocational teaching responsibilities; (2) establish a program of interim short-term training courses for currently employed vocational arts teachers; (3) complete a complex of permanent facilities required to house these activities.

Expenditures:

FY 1967 (Est.)	\$272,000
FY 1968 (Est.)	160,000

Expected Obligations
for Project Completion:

NONE

Progress to Date:

Three members of the five-man team have arrived at HSIU and have begun planning for the teacher education program in vocational and practical arts.

The National Vocational Education Advisor is working with the Ministry of Education and the University of Utah team to speed up the project.

ETHIOPIA

Project No. 663-11-660-060

Began: FY 1960

Proposed Terminal Date: FY 1969

HAILE SELASSIE I UNIVERSITY
(AID - University of Utah)

Project Objective and Description:

The purpose of this activity is to assist the Imperial Ethiopian Government (IEG) in developing and expanding the Haile Selassie I University as an integrated national institution of higher learning. Closely coordinated with the United States program of assistance to the IEG in the organization, improvement and expansion of the elementary and secondary school system in Ethiopia, this project is designed to enable the IEG to train manpower in Ethiopia as rapidly and economically as possible.

<u>Expenditures:</u>			<u>Expected Obligations</u>
	<u>Grant</u>	<u>Loan</u>	<u>for Project Completion:</u>
FY 1960 - FY 1965	\$1,326,000	\$	<u>Grant</u> \$1,000,000
FY 1966	808,000		
FY 1967 (Est.)	1,007,000	796,000	
FY 1968 (Est.)	669,000	2,348,000	

Progress to Date:

Since 1960, architectural and design services have been provided, administrative personnel contract services have also been provided, along with participant training and the purchase of specialized materials and equipment. The Public Health College has been made a part of the University system. About \$1,175,000 dollar equivalent in pound sterling has been available for construction of a new university library.

Three hundred and twenty students have graduated from the University. A study of the capital assistance requirement has been made. Participants have been sent to the States for training. Elementary administrators and/or supervisors have been given training in special courses.

The Architect's plans and specifications for the library have been completed. The eleven man Utah contract has been brought up to full complement.

ETHIOPIA

Project No. 663-11-110-002

Began: FY 1954

Proposed Terminal Date: FY 1969

AGRICULTURAL EDUCATION AND RESEARCH

(AID - Oklahoma State University)

Project Objective and Description:

The purpose of this project is to establish and have fully operational by September 1968 the College of Agricultural and Mechanical Arts and a research station at Debre Zeit, predominantly staffed and administered by Ethiopians.

To establish by September 1968 a capacity within the College of Agricultural and Mechanical Arts to produce 50 qualified B.S. degree graduates annually, and to conduct research and produce publications on a wide range of agricultural matters.

<u>Expenditures:</u>		<u>Expected Obligations for Project Completion:</u>
FY 1954 - FY 1965	\$11,007,000	\$226,000
FY 1966	945,000	
FY 1967 (Est.)	867,000	
FY 1968 (Est.)	759,000	

Progress to Date:

The College became a part of Haile Selassie I University in 1957. As of June 30, 1966, 296 Bachelor of Science Degrees in Agriculture have been conferred.

An Ethiopian Dean--a returned AID participant has taken over the management of the agricultural education and research program. Sixty-one research projects that cover a wide range of agricultural sciences are being conducted.

The 440 hectares of land at the College site are being used for teaching and research purposes. Six new Ethiopian instructors have joined the staff. Under current plans, there will be thirty Ethiopian faculty members (of a planned total of 45) during the 1966-67 school year.

ETHIOPIA

Project No. 663-11-660-121

Began: FY 1965

Proposed Terminal Date: FY 1969

UNIVERSITY BUSINESS EDUCATION

Project Objective and Description:

The purpose of this project is to strengthen Ethiopian management, primarily business management, by (a) offering into the economy graduates of a four-year degree program, (b) offering short courses for employment managers and supervisors, and (c) supplying executives, managers and supervisors, with competent secretaries through evening diploma programs and short courses. These activities are conducted at Haile Selassie I University.

<u>Expenditures:</u>		<u>Expected Obligations for Project Completion:</u>
FY 1966	\$ 68,000	\$129,000
FY 1967 (Est.)	258,000	
FY 1968 (Est.)	222,000	

Progress to Date:

The College has an enrollment of 289 full-time students during the current academic year, making it the third largest of the twelve colleges at HSIU. The College also has 377 students in evening courses in Business Administration and secretarial training. The College has a full-time teaching staff of fifteen, of whom thirteen are American and two Ethiopian.

ETHIOPIA

Project No. 663-11-680-001

Began: FY 1961

Proposed Terminal Date: FY 1970

EDUCATION ADMINISTRATION AND PROGRAM DEVELOPMENT

Project Objective and Description:

The purpose of this project is to improve the administrative organization of the IEG Ministry of Education, expand the IEG school system at appropriate grade levels, and improve the quality of educational opportunities throughout the Empire.

Expenditures:

FY 1961 - FY 1965	\$1,687,000
FY 1966	515,000
FY 1967 (Est.)	681,000
FY 1968 (Est.)	560,000

Expected Obligations
for Project Completion:

NONE

Progress to Date:

Approximately sixty participants have been trained to date for the activities under this project. A considerable quantity of commodities have been acquired, including locally made furniture for elementary and secondary classrooms and elementary school textbooks. In June 1964, 576 teachers graduated from the four teacher training institutes. A workshop attended by 125 teachers has been concluded. Sixty elementary school supervisors have attended a year-long special program.

GHANA

Project No. 641-11-110-008

Began: FY 1958

Proposed Terminal Date: FY 1970

VOCATIONAL AGRICULTURAL EDUCATION

Project Objective and Description:

The purpose of this activity is to establish institutional vocational agricultural education in eight institutes to provide, additionally, in three of the eight institutes, training in mechanized agriculture including machinery repair and farm shop practices. At one institute, training is furnished for sub-professional personnel for the Ministry of Agriculture and Social Welfare.

Expenditures:

Expected Obligations
for Project Completion:

FY 1958 - FY 1965	\$1,401,000	\$742,000
FY 1966	236,000	
FY 1967 (Est.)	382,000	
FY 1968 (Est.)	373,000	

Progress to Date:

A farm institute was established at Asuansi in 1959 and has been developed into a very effective training institution including practical production. With the experience at Asuansi as a guide, the Government, with U.S. advice, established the second institute at Wenchi in 1963. By 1965, these two schools had trained a total of 104 students, 190 tractor operators, and 384 adult farmers (short courses).

Student capacity has been raised at least 100 per school. Eighteen farmer cooperatives have been formed by the schools. Home demonstrations are being given. The Agricultural Institute at Ejura has trained 40 tractor drivers since it opened January 1, 1964. The Institutes at Navrongo and Ohawu began operations in 1964. Other Institutes are at Abidome, Navrongo, and Kwadaso.

There have been 1,676 students trained in the eight institutions from 1960 to 1965. There are over 800 students in the institutions during the 1966-67 school year.

GUINEA

Project No. 675-11-610-004

Began: FY 1962

Proposed Terminal Date: FY 1971

INDUSTRIAL AND VOCATIONAL TRAINING
(AID - Organization for Rehabilitation
through Training)

Project Objective and Description:

This project proposes to meet Guinea's urgent need for vocational technicians to fill the void created by the withdrawal of the French and other expatriates at the time of independence. It expects to build a vocational school and dormitory facilities and establish a Guinean faculty engaged in teaching at least twelve different skills among a total body of 735 regular students. It expects to provide annually at least 225 middle-level technicians with three years of training, sixty with one year of training and about 360 with three - four months of specialized in-service training.

Expenditures:

Expected Obligations
for Project Completion:

FY 1962 - FY 1965	\$1,877,000	\$1,272,000
FY 1966	853,000	
FY 1967 (Est.)	2,566,000	
FY 1968 (Est.)	1,120,000	

Progress to Date:

Temporary space for three shops and one classroom-laboratory have been established in the Geodesic Dome of the U.S. Trade Fair. Construction to supply six classrooms, one laboratory, one warehouse, and six shops has been completed. 220 students have been enrolled in the various phases of training. The first students graduated in 1965. In February 1966, the school moved from its temporary quarters at the Dome to Km 4, adjacent to another building used by the school, and a hanger was remodeled for classrooms and shop facilities.

GUINEA

Project No. 675-11-690-003

Began: FY 1960

Proposed Terminal Date: FY 1969

DEVELOPMENTAL TRAINING
(AID - African-American Institute)

Project Objective and Description:

The purpose of this activity is to assist the Government of Guinea to improve the skills of Guinean personnel in various fields. A contract with the African-American Institute provides the training needed in the United States and Canada.

<u>Expenditures:</u>		<u>Expected Obligations for Project Completion:</u>
FY 1960 - FY 1965	\$2,202,000	\$146,000
FY 1966	261,000	
FY 1967 (Est.)	199,000	
FY 1968 (Est.)	150,000	

Progress to Date:

194 students have been sent to the U.S. for training. Approximately 100 have returned to Guinea and have been absorbed in the various phases of government. USAID/Guinea is continuing its assistance in placing the returned participants.

GUINEA

Project No. 675-11-690-012

Began: FY 1962

Proposed Terminal Date: Open

PARTICIPANT SUPPORT

Project Objective and Description:

The purpose of this project is to assist the Guinea Government in meeting specific manpower requirements by providing training to selected Guineans in fields related to the country's priority development needs.

Expenditures:

FY 1962 - FY 1965	\$45,000
FY 1966	54,000
FY 1967 (Est.)	70,000
FY 1968 (Est.)	95,000

Expected Obligations
for Project Completion:

\$167,000

Progress to Date:

There is no record of the number of participants from FY 1962 to FY 1966 in the FY 1968 CAP. One hundred and twenty-five thousand dollars have been spent on their training. Thirteen participants are scheduled for training in the United States and seven are scheduled in a third country during FY 1967.

KENYA
Project No. 615-22-610-109
Began: FY 1965
Proposed Terminal Date: FY 1967

POLYTECHNIC EXPANSION

Project Objective and Description:

The aim of this activity is to assist the Government of Kenya in its program of expansion and improvement of post-primary, pre-university technical education facilities to a point where it will be possible to meet the requirements for middle and high level technical manpower during the next decade.

The Kenya Polytechnic School will be expanded from 600 students to about 1,360 students. The Polytechnic School also provides training for students from other East African countries.

<u>Expenditures:</u>	<u>Loan</u>	<u>Expected Obligations for Project Completion:</u>
FY 1965	None	N O N E
FY 1966	\$150,000	
FY 1967 (Est.)	200,000	
FY 1968 (Est.)	200,000	

Progress to Date:

Very little progress has been made to date since this is a new project. An architectural and engineering survey has been made. Steps have been taken to acquire additional land for expansion.

KENYA

Project No. 615-11-620-110

Began: FY 1964

Proposed Terminal Date: FY 1969

VOCATIONAL AGRICULTURE EDUCATION
(AID - West Virginia University)

Project Objective and Description:

The aim of this project is to provide technical advise and assistance in the development of courses in vocational agriculture in five rural secondary schools in Kenya. This activity is designed to assist in the process of making secondary education in Kenya more practical and responsive to the development needs of Kenya and to develop a system which will facilitate the initiation of similar courses in other rural secondary schools of Kenya.

Expenditures:

FY 1964 - FY 1965	\$204,000
FY 1966	166,000
FY 1967 (Est.)	365,000
FY 1968 (Est.)	292,000

Expected Obligations
for Project Completion:

Progress to Date:

-A contract was signed in July 1964 with West Virginia University. The technicians arrived in September 1964.

Plans and specifications for six vocational agriculture shops have been developed and construction completed. Materials and equipment to operate the shops have been ordered and most of it has been delivered. Transportation for the contract team has been provided.

Communities and schools where the experimental courses will be instituted have been selected.

Contract team members have initiated the training program and selection and training of future teachers has begun.

Five participants have been selected and funds requested for up to two years training in secondary agriculture education.

KENYA

Project No. 615-11-640-107

Began: FY 1963

Proposed Terminal Date: FY 1968

ENGLISH LANGUAGE TEACHER TRAINING
(AID - National Education Association)

Project Objective and Description:

The objective of this project is to establish English language as the medium of instruction in Kenya's primary schools through in-service and pre-service training of elementary teachers in the use of new and improved instructional materials and methods.

<u>Expenditures:</u>	<u>Expected Obligations for Project Completion:</u>	
FY 1963 - FY 1965	\$146,000	\$56,000
FY 1966	162,000	
FY 1967 (Est.)	332,000	
FY 1968 (Est.)	322,000	

Progress to Date:

The experimental phase of this project began five years ago. Materials and equipment were tried for a three-year period. The PEAK (Primary Education of Africans in Kenya) materials and equipment program proved successful. An effective mode of operation has been developed and the program is being expanded. About 2,400 students have used the English medium to date reaching classes of Standard I-IV. Course materials for Standard V-VII are being revised. A contract was signed with NEA for eight technicians on January 2, 1964. Most of these have been assigned to the in-service training program of the Regional and District Headquarters. The program is about one year old. The number of technicians under the NEA contract has been increased to twelve.

KENYA

Project No. 615-11-650-129

Began: FY 1967

Proposed Terminal Date: FY 1970

RADIO/CORRESPONDENCE EDUCATION
(AID - University of Wisconsin)

Project Objective and Description:

The purpose of this project is to establish and develop a radio/correspondence program in Kenya based on experiments conducted by the University College, Nairobi, to upgrade teacher education, to aid candidates for the certificate of Adult Studies and, to help the pupils attending secondary schools with low teaching standards.

<u>Expenditures:</u>		<u>Expected Obligations for Project Completion:</u>
FY 1966	\$ NONE	\$232,000
FY 1967 (Est.)	63,000	
FY 1968 (Est.)	112,000	

Progress to Date:

A contract is being negotiated with the University of Wisconsin to field a three-man team in the spring of 1967. The team will work with the Institute of Adult Studies at University College, Nairobi and with the Ministry of Education.

LIBERIA

Project No. 669-11-610-013

Began: FY 1954

Proposed Terminal Date: FY 1967

VOCATIONAL EDUCATION
(Booker Washington Institute)

Project Objective and Description:

The purpose of this project is to aid the economic and social development in Liberia by providing skilled manpower in the areas of trades, business, agriculture, and homemaking. This is proposed to be done by producing annually 125 vocationally-trained high school graduates, 200 short-course graduates, and at least 15 practical arts teachers to staff practical arts programs in the nation's Junior High Schools.

Expenditures:

Expected Obligations
for Project Completion:

FY 1954 - FY 1965	\$3,807,000
FY 1966	326,000
FY 1967 (Est.)	154,000
TERMINATING	

Progress to Date:

Renovation of existing dormitories, and construction of a new housing for students, staff, educational program and special services have been completed. Furniture, equipment, and teaching supplies have been provided. Short courses in masonry, carpentry, and woodwork have begun. Teacher training on the campus and abroad has been initiated.

Enrollment has increased to 195 students in seven specialties. Staff has been increased to 55 professional and management personnel, 35 service personnel, and 52 laborers. Thirty-three staff members have taken training in the U.S. Plans to begin the practical arts teacher training programs have been developed and students are being recruited. This project terminates in FY 1967.

LIBERIA

Project No 669-11-640-012

Began: FY 1958

Proposed Terminal Date: FY 1968

RURAL TEACHER TRAINING INSTITUTES

(AID - Tuskegee Institute)

Project Objective and Description:

The purpose of this activity is to graduate 100 well-qualified elementary school teachers annually by 1966, and 200 by 1968 and thereafter from Zorzor and Kakata Rural Teacher Training Institutes; and to provide facilities and programs to upgrade about 1,000 Liberian teachers each year through the Institute's regular two-year program and vocational school for in-service teachers.

Expenditures:

FY 1958 - FY 1965	\$2,743,000
FY 1966	638,000
FY 1967 (Est.)	619,000
FY 1968 (Est.)	589,000

Expected Obligations
for Project Completion:

<u>Grant</u>	<u>Loan</u>
\$796,000	\$500,000

Progress to Date:

Zorzor Institute opened in 1964 and by 1965 had 65 graduates. Its present enrollment is 102. Kakata Institute opened in 1964 with 78 enrolled. In 1964, there were seven American technicians on board at Zorzor and six on board at Kakata. Improvement in curriculum and teaching materials has been made. Facilities have been constructed and furniture and equipment installed. The water supply system at Kakata and the water power system at Zorzor have been completed.

Housing for staff has begun. One elementary laboratory and demonstration school has been completed. Pre-service testing programs have been carried out.

Several participants have been sent for teacher training, and commodities valued at about \$344,000 have been delivered.

LIBERIA

Project No. 669-11-640-037

Began: FY 1956

Proposed Terminal Date: FY 1975

RURAL SCHOOL DEVELOPMENT

Project Objective and Description:

The purpose of this activity is to: supply to rural populations essential government educational services including establishment of effective education headquarters in four country seats by 1969; construct, equip and staff a limited number of community-centered rural oriented schools in strategic villages; train a cadre of qualified supervisors by 1967; improve the quality of education and increase the appropriateness of education for rural youth and adults.

Expenditures:

Expected Obligations
for Project Completion:

FY 1956 - FY 1965	\$2,122,000	\$472,000
FY 1966	429,000	
FY 1967 (Est.)	326,000	
FY 1968 (Est.)	245,000	

Progress to Date:

Seventeen district and county school supervisors have been trained abroad; most with M.A. degrees. District and county workshops have been carried out. Twenty school buildings have been completed in one county, ten in another and ten in one more. This is about 240 classrooms. Ninety-three teachers have been trained in Rural Teacher Training Institutes. Materials have been developed for adult classes. 50,000 copies of easy reading materials have been ordered from the Bureau of Indian Affairs.

Completion of literacy classes has been raised from twenty percent to sixty percent. About 11,450 adults benefited from training in 1964. The School-Village Improvement Program has begun. Instructional materials have been supplied to most counties. Other aids purchased abroad and valued above 500,000 dollars have been delivered and put into use.

LIBERIA

Project No. 669-11-660-047

Began: FY 1960

Proposed Terminal Date: FY 1970

UNIVERSITY OF LIBERIA
(AID - Cornell University)

Project Objective and Description:

The purpose of this project is principally the development of the University of Liberia to acceptable educational standards so that it can produce college-level trained personnel to meet the requirements of Liberia's economic and social development. A sub-goal is to help the University of Liberia produce 125 college-level graduates each year.

<u>Expenditures:</u>	<u>Expected Obligations for Project Completion:</u>			
	<u>Grant</u>	<u>Loan</u>	<u>Grant</u>	<u>Loan</u>
FY 1960 - FY 1965	\$1,978,000	--	\$725,000	\$1,000,000
FY 1966	492,000	--		
FY 1967 (Est.)	532,000	--		
FY 1968 (Est.)	643,000	\$500,000		

Progress to Date:

Enrollment has increased to 376--about 38 percent over the past two years. Vacation School enrollment has increased. Construction of field facilities for the College of Agriculture is complete including equipment and furnishings. The first group of students have occupied these facilities.

Construction of the men's dormitory has begun. Commodities valued at \$60,000 have been delivered. Requirements in teacher education have been revised. The chemistry program has been improved.

Registration procedures have been modified and upgraded. The remedial instruction program has been evaluated. Administration and business office procedures have been improved.

Library facilities have been completed. Teaching methods and techniques have been improved. These are illustrative of the types of accomplishments to date.

LIBERIA

Project No. 669-11-680-050

Began: FY 1961

Proposed Terminal Date: FY 1975

EDUCATION ADMINISTRATION AND TRAINING

Project Objective and Description:

The purpose of this project is to improve the efficiency within the Department of Education for the benefit of Liberia's schools. Such improvement is to be facilitated by reorganization, development of effective administrative procedures and policies, and training. This goal will be supplemented by the development of the capability to produce locally prepared educational materials and establishment of an effective institution for testing and measurement.

<u>Expenditures:</u>		<u>Expected Obligations for Project Completion:</u>
FY 1961 - FY 1965	\$1,603,000	\$4,823,000
FY 1966	201,000	
FY 1967 (Est.)	300,000	
FY 1968 (Est.)	636,000	

Progress to Date:

Thirty man-years of advisory services have been completed to almost all levels of officials. Thirteen out of twenty-one top or divisional level officials have benefited from this training. Another twenty field administrators have been trained. Eight in technical specialty positions also have received training. Through a thorough reorganization, three new bureaus have been established. Two new divisions in Administrative Services have been set up and an office of educational planning has been developed. The National School Data Survey has been completed. A coordinated national program and organization for Adult Education has been established. Two long-range educational planning documents (ten-year plan and Five-year plan) have been prepared. About twenty participants have begun training. A new AID-financed contract under which five technicians will work within selected areas of the Department of Education and six technicians will work in six countries with the education supervisors is being negotiated.

LIBERIA

Project No. 669-11-690-073

669-21-690-073

Began: FY 1961

Proposed Terminal Date: FY 1972

MONROVIA CONSOLIDATED SCHOOL SYSTEM
(AID - San Francisco State College)

Project Objective and Description:

The purpose of this activity is to improve significantly the quality of government elementary and secondary education available to the population residing in the Monrovia Commonwealth area through the creation and development of an efficient intermediate level of school administration.

<u>Expenditures:</u>	<u>Expected Obligations for Project Completion:</u>			
	<u>Grant</u>	<u>Loan</u>	<u>Grant</u>	<u>Loan</u>
FY 1961 - FY 1965	\$2,323,000	\$ ---	\$2,762,000	\$613,000
FY 1966	1,112,000	---		
FY 1967 (Est.)	1,129,000	1,900,000		
FY 1968 (Est.)	1,183,000	950,000		

Progress to Date:

Continuous advice and assistance to the local officials concerned with this project have been maintained. Extensive repairs on 22 buildings have been made. School furniture has been repaired. Seventeen new classrooms were built. New roofs were added to four large buildings. Four new playgrounds were established. Commodities and equipment have been delivered. School records and other business practices have been put into use.

Budgets have been planned and accepted. Personnel data files have been set up. Training methods and techniques have been improved and about sixty students have been sent to the U.S. for training. Curriculum revisions have been made to fit the local situation. About sixty workshops and faculty activities have been completed. Testing programs have been established.

LIBERIA

Project No. 669-11-690-085

Began: FY 1962

Proposed Terminal Date: FY 1970

EDUCATION MEASUREMENT AND TESTING
(AID - American Institutes for Research)

Project Objective and Description:

The purpose of this activity is to establish in Liberia an effective institution for various types of testing and measurement for schools, government agencies, and non-governmental employers so as to facilitate the most effective use of manpower resources for development.

It functions principally for selection, classification, qualification for employment, supports school guidance programs. In addition, it will continue with basic research testing and offer training to users of the center.

<u>Expenditures:</u>		<u>Expected Obligations for Project Completion:</u>
FY 1962 - FY 1965	\$81,000	\$268,000
FY 1966	83,000	
FY 1967	97,000	
FY 1968	95,000	

Progress to Date:

A testing center has been established. Since establishment in 1963, it has administered 12,514 tests, using at least twenty different instruments and ten batteries of tests. The center graded the 1963 national examination. It revamped and administered the 1964 national examination for the 6th, 9th, and 12th grades. It has given exams for many of the other schools. It has run tests for commercial, industrial and banking establishments. It has given pre-employment screening and job classification services. The center has trained four local employees.

Materials and equipment needed for testing and measurements have been purchased and placed into use.

LIBERIA

Project No. 669-11-690-092

Began: FY 1966

Proposed Terminal Date: FY 1975

TEXTBOOKS AND MATERIALS DEVELOPMENT

Project Objective and Description:

This project is designed to develop the capability of the Government of Liberia to prepare and produce its own textbooks and educational materials and to supply textbooks and material in the immediate future in order to meet a fundamental need in education at a low cost.

<u>Expenditures:</u>	<u>Expected Obligations for Project Completion:</u>
FY 1966 \$42,000	\$376,000
FY 1967 (Est.) 41,000	
FY 1968 (Est.) 43,000	

Progress to Date:

Production of textbooks and instructional materials has had no real and coordinated support until recently. In 1964, the Office of Materials Development and Research was established by the GOL and its specialized sections began functioning in a coordinated manner. Among other things, this includes a materials center, a curriculum section, a bookstore and a warehouse. In addition to the professional staff, sixteen other personnel are employed. New quarters are planned for 1967. Training has been provided for a limited number of selected Liberians in specialized writing fields. A Language Arts Specialist is assisting the Center under a personal service contract. Five participants have been provided U.S. training. Two contract specialists have been added and about \$24,000 in materials and equipment has been acquired for project use. The chief difficulty experienced by the Department of Education has been properly distributing the textbooks. Its warehousing and book handling systems must be improved before AID will initiate future textbook financing.

MALAWI

Project No. 612-11-610-137

Began: FY 1962

Proposed Terminal Date: FY 1971

MALAWI POLYTECHNIC

(AID - University of Southern California)

Project Objective and Description:

The aim of this activity is to provide a large number of Malawi nationals with an opportunity to acquire vocational skills usable in commercial and industrial occupations; continue prematurely terminated education or add to their background of educational achievement or level of vocational competency.

<u>Expenditures:</u>		<u>Expected Obligations for Project Completion:</u>
FY 1962 - FY 1965	\$870,000	\$862,000
FY 1966	605,000	
FY 1967 (Est.)	638,000	
FY 1968 (Est.)	338,000	

Progress to Date:

All major construction has been completed. The contract team is on the job and the contract has been amended to include nine specialists. The Government is recruiting additional people to work in and with the project activities. In addition to the regular classes, new classes have been established in new areas.

Students have been selected for participant training and materials and equipment valued at \$56,000 which will be used in the instructional program have been placed on order. Some have arrived. The Polytechnic opened in January 1966. Other facilities are being used for this project at this time.

MALAWI

Project No. 612-11-660-157
612-21-660-157

Began: FY 1966

Proposed Terminal Date: FY 1971

TEACHER EDUCATION - SOCHE HILL TEACHER
TRAINING COLLEGE DEVELOPMENT

Project Objective and Description:

The purpose of this project is to help Malawi overcome its critical need for qualified secondary school teachers by assisting in the further development of a national secondary training center at Soche Hill Teacher Training College which will become a part of the University of Malawi.

<u>Expenditures:</u>			<u>Expected Obligations for Project Completion:</u>	
	<u>Grant</u>	<u>Loan</u>	<u>Grant</u>	<u>Loan</u>
FY 1966	\$ None	---	\$357,000	\$285,000
FY 1967 (Est.)	34,000	---		
FY 1968 (Est.)	117,000	\$515,000		

Progress to Date:

A space requirement analysis has been made by a University of Southern California survey team.

MALI

Project No. 688-11-610-010

Began: FY 1962

Proposed Terminal Date: FY 1969

VOCATIONAL TRAINING

(AID - Organization for Rehabilitation
through Training)

Project Objective and Description:

The purpose of this project is to develop a modern sub-professional technical education program with the capability of producing technicians in skill areas required by the national development process and of up-grading the skills of workers already in service.

<u>Expenditures:</u>		<u>Expected Obligations for Project Completion:</u>
FY 1962 - FY 1965	\$1,412,000	NONE
FY 1966	3,000	
FY 1967 (Est.)	802,000	
FY 1968 (Est.)	278,000	

Progress to Date:

The second year of the contract services concluded with 102 regular students enrolled in regular classes. National terminal examinations have been drawn up by the team members. One hundred and fifty-six Malian technicians have benefited from the in-service training courses in addition to sixty high school students and future upper elementary school teachers. At least twenty-five Malian chauffeurs have been trained in automotive maintenance and mechanics. Science instruction has been extended to grades six through nine by the production of twenty prototype science kits, including teachers' manuals.

MALI

Project No. 688-11-660-011

688-22-660-011

Began: FY 1962

Proposed Terminal Date: FY 1970

HIGHER TEACHER TRAINING COLLEGE
(AID - University of Southern Illinois)

Project Objective and Description:

The basic objective of this project is to provide Mali with the means of producing secondary school teachers and primary school supervisors through the construction of a Higher Teacher Training College and a Pedagogic Institute by December 1966, and the staffing of the latter for four academic years beginning in the fall of 1964.

<u>Expenditures:</u>	<u>Expected Obligations for Project Completion:</u>			
	<u>Grant</u>	<u>Loan</u>	<u>Grant</u>	<u>Loan</u>
FY 1962 - FY 1965	\$260,000	None	\$747,000	\$2,600,000
FY 1966	6,000	\$100,000		
FY 1967 (Est.)	565,000			
FY 1968 (Est.)	532,000			

Progress to Date:

The University of Pittsburgh survey team concluded their assessment of the needs for the Pedagogic Institute in 1963. Pittsburgh, lacking qualified personnel, surrendered the contract to Southern Illinois University. The initial two-year contract was signed in September 1964 and there are seven staff members at work on the project. Requests for bids on construction of facilities have gone out and it is expected that the facilities will be ready for occupancy in 1968.

MALI

Project No. 688-11-690-007

Began: FY 1961

Proposed Terminal Date: Open

TRAINING FOR DEVELOPMENT NEEDS

Project Objective and Description:

The purpose of this activity is to train non-project participants to meet the needs of the country.

<u>Expenditures:</u>		<u>Expected Obligations for Project Completion:</u>
FY 1961 - FY 1965	\$272,000	\$158,000
FY 1966	35,000	
FY 1967 (Est.)	90,000	
FY 1968 (Est.)	57,000	

Progress to Date:

A total of seventy-six participants have been funded through FY 1966. Twenty-five participants are programmed for FY 1967.

NIGERIA
Project No. 620-11-610-736
Began: FY 1960
Proposed Terminal Date: FY 1968

TECHNICAL COLLEGE IBADAN
(AID - Western Michigan University)

Project Objective and Description:

The purpose of this activity is to assist the Ministry of Education of the GON to develop the Technical College Ibadan through a contract with Western Michigan University. The program is post-secondary, but less than college level, and is designed to produce technical staff for the area that falls between the skilled artisan and the graduate engineer.

The team proposes to develop studies leading to a sub-professional certificate for two years of study in the field of civil, mechanical, and electrical engineering; to reach a maximum enrollment of five hundred students by 1968, and develop a Nigerian staff that will "assume" responsibility for operation by September 1968.

<u>Expenditures:</u>	<u>Expected Obligations for Project Completion:</u>	
FY 1960 - FY 1965	\$1,065,000	\$59,000
FY 1966	241,000	
FY 1967 (Est.)	500,000	
FY 1968 (Est.)	250,000	

Progress to Date:

A contract was entered into in 1960. Tools, books, teaching aids and other equipment valued at \$75,000 have been purchased and placed in use in the training program. College facilities, including the workshops, laboratories, drafting rooms, administration offices, classrooms, a library and a combination assembly-dining hall have been completed. Thirteen participants have been sent to the United States for training. Nine participants from other projects have been assigned to this school. Sixty have graduated from the school to date, not including twelve from evening classes. About 140 new students enrolled in 1965. To stimulate interest, ninety two-year scholarships have been provided.

NIGERIA

Project No. 620-11-610-738

Began: FY 1962

Proposed Terminal Date: FY 1967

ENGINEERING TRAINING PROGRAMS

Project Objective and Description:

The purpose of this project is to assist the GON offset the critical need for trained engineers. AID is providing scholarships, as an emergency measure, to a number of Nigerian students for the purpose of training a small nucleus of engineers as part of the overall program to accelerate training in this field.

<u>Expenditures:</u>		<u>Expected Obligations for Project Completion:</u>
FY 1962 - FY 1965	\$110,000	N O N E
FY 1966	68,000	
FY 1967 (Est.)	54,000	
FY 1968 (Est.)	15,000	

Progress to Date:

Thirty-one participants have been selected and sent to the United States for undergraduate degree training in engineering. Those more capable may be allowed an additional year of training. All are still in training in the United States. The first graduates (15) are expected to return in 1966. The overall average is 2.68 on a 4.0 scale system. All students are currently being recommended by the respective universities for continuation of their studies.

NIGERIA

Project No. 620-11-640-710

Began: FY 1962

Proposed Terminal Date: FY 1972

NORTHERN NIGERIA TEACHER EDUCATION

(AID - University of Wisconsin)

Project Objective and Description:

The purpose of this activity is to expand and improve the quality of primary education in Northern Nigeria in order to build a sound educational pyramid that will provide sufficient students to meet the required enrollments in secondary schools, technical institutes and the universities.

Expenditures:

Expected Obligations
for Project Completion:

	<u>Grant</u>	<u>Loan</u>	<u>Grant</u>	<u>Loan</u>
FY 1962 - FY 1965	\$ 16,000	\$ -	\$287,000	\$2,560,000
FY 1966	18,000	-		
FY 1967 (Est.)	1,500,000	340,000		
FY 1968 (Est.)	1,500,00	1,500,000		

Progress to Date:

Two surveys have been made by the University of Wisconsin covering the educational requirements and curriculum development needs. The A & E study and design has been completed. An AID Development Loan of \$3.8 million to finance Phase 1 of the construction. Ford Foundation has provided \$2.2 million for 32 advisors from the University of Wisconsin for two years (FY 1965-67). The first northern enrollees at the Training College at Lagos and Zaria have completed two years. An advanced course to prepare tutors for Grade 11 teacher training colleges has been prepared.

Under this joint AID-Ford Foundation project, the University of Wisconsin and Ohio University (see project no. 620-11-660-732, Kano Teacher Training College) are assisting in the development of an Institute of Education, an advanced Teacher Training College, and seven selected Grade II teacher training colleges in northern Nigeria. Under the AID-University of Wisconsin Contract, the seven teacher training colleges will serve as centers from which educational assistance will be given to upgrade the programs in 47 smaller teacher training colleges throughout Northern Nigeria.

NIGERIA

Project No. 620-11-650-734

Began: FY 1961

Proposed Terminal Date: FY 1969

AIYETORO COMPREHENSIVE SECONDARY SCHOOL
(AID - Harvard University)

Project Objective and Description:

The purpose of this project is to establish a pattern at the secondary school level for a functional educational system which will meet both the vocational and academic needs of Nigeria's developing economy.

It is the purpose of this activity to incorporate into this school the best principles and practices of American and European comprehensive schools and to adapt them to Nigerian needs.

<u>Expenditures:</u>		<u>Expected Obligations for Project Completion:</u>
FY 1961 - FY 1965	\$1,133,000	\$292,000
FY 1966	413,000	
FY 1967 (Est.)	700,000	
FY 1968 (Est.)	300,000	

Progress to Date:

Eleven educators are now on duty at the school which opened in 1963. All construction has been completed. This consists of 17 houses, and 2 flats, the kitchen-dining block, the library dispensary block, the administrative block, the home economics block, the science block, the shop block, the classroom block, and two student dormitories. Equipment valued at \$65,000 has been delivered. The government has provided additional equipment valued at \$176,000. The enrollment has grown from an initial 152 to 630. Curricula, related teaching plans, and instructional material have been prepared for advanced classes in science, mathematics, English, social studies, industrial arts, and vocational agriculture. Four planning workshops have been concluded. The school is being prepared for an enrollment of 1,000 pupils.

NIGERIA

Project No. 620-11-650-735

620-22-650-735

Began: FY 1962

Proposed Terminal Date: FY 1970

PORT HARCOURT COMPREHENSIVE SECONDARY SCHOOL
(AID - University of California at Los Angeles)

Project Objective and Description:

The purpose of this activity is to demonstrate the economic and educational advantages of offering academic, commercial, vocational and agricultural education in one large school, as opposed to the current system of small, single-purpose institutions. It proposes to expand the initial enrollment of 120 to approximately 1,400 by 1970 and reduce the recurrent per pupil costs by almost 50 percent. It will demonstrate the possibility of offering expanded educational opportunities and provide a pattern for modifying the entire system of secondary education in Eastern Nigeria.

<u>Expenditures:</u>	<u>Expected Obligations for Project Completion:</u>			
	<u>Grant</u>	<u>Loan</u>	<u>Grant</u>	<u>Loan</u>
FY 1962 - FY 1965	\$1,375,000	\$ -	\$846,000	\$1,000,000
FY 1966	249,000	-		
FY 1967 (Est.)	550,000	300,000		
FY 1968 (Est.)	600,000	1,000,000		

Progress to Date:

330 students are enrolled in the school from an initial group of 120. Programs have been developed in metals, wood, technical drawing and in science in addition to traditional academic areas.

Teaching materials and equipment valued at \$150,000 have been provided and put to use. Provision has been made for training twelve teachers in higher education. Two have returned to key positions. A Development Loan of \$1.8 million was made in 1964. A thorough requirements' analysis has been made setting forth in detail the qualitative and quantitative needs of the school, including the philosophy of the school, plant and personnel requirements, operational financing and other details important to the project.

NIGERIA

Project No. 620-11-660-602

Began: FY 1960

Proposed Terminal Date: FY 1970

UNIVERSITY OF NIGERIA
(AID - Michigan State University)

Project Objective and Description:

The purpose of this project is to assist Nigeria to meet its goal of providing a quality university which can take its place among the great universities in the world. Assistance will be given in the planning for administrative organization, facilities, equipment, curricula and training for the orderly expansion of the University to a peak enrollment of approximately 6,000 students by 1972. In addition, the contract will develop the program for the Continuing Education Center, develop the program of the Economic Development Institute, conduct planning seminars, and continue research and development plans in selected academic areas and other significant problems.

Expenditures:

Expected Obligations
for Project Completion:

	<u>Grant</u>	<u>Loan</u>	<u>Grant</u>	<u>Loan</u>
FY 1960 - FY 1965	\$4,878,000	-	\$973,000	\$1,500,000
FY 1966	1,649,000	-		
FY 1967 (Est.)	2,000,000	-		
FY 1968 (Est.)	1,000,000	\$100,000		

Progress to Date:

The administration of the University has been structured and the offices and divisions staffed. Eleven Nigerians have replaced specialists in key positions. The educational program has grown from about eight subjects in liberal arts to eight faculties with a broad range of offerings. The academic organization of the school has been completely revised; it elevated several colleges to faculty status and it provided for a completely new grouping of disciplines into logical relationships. 1,300 students have graduated since the first class of graduates in 1963. Approximately 3,100 students are currently enrolled.

Numerous seminars and conferences have been held. The research program has been well established. More than 40 buildings have been erected, excluding housing for 375 senior staff members and 1700 junior staff members. A library with 40,000 volumes has been established, dining facilities for 2,000 at a seating has been provided. Athletic facilities, including a 40,000 stadium, has been constructed. Other facilities such as an auditorium, stores, workshops, a medical center, and an office of student affairs, have been provided also.

Research and development at the College of Agriculture research station is well advanced. About 62 participants have been sent abroad for training and approximately \$825,000 in equipment has been delivered. Other assistance has come from the Netherlands, United Kingdom, UNICEF, FAO, West Germany, Peace Corps, the Ford Foundation, the Mobil Oil Company, and the MacMillan Publishing Company.

Over 1,600 specialist man months have been concluded to date. This represents only a portion of the accomplishments to date.

NIGERIA

Project No. 620-11-660-730

Began: FY 1961

Proposed Terminal Date: FY 1969

FEDERAL ADVANCED TEACHERS COLLEGE
(AID - University of California at Los Angeles)

Project Objective and Description:

The purpose of this project is to develop through the mutual agreement of the Federal Government of Nigeria, AID, UNESCO, the Ford Foundation, and AID's contractor, UCLA, a teacher training college that will award the Nigeria Certificate of Education and provide trained teachers for the teacher training colleges (secondary schools) in all parts of the Federation and promote a unified approach to establishing higher educational practices and standards.

<u>Expenditures:</u>		<u>Expected Obligations for Project Completion:</u>
FY 1961 - FY 1965	\$1,132,000	\$63,000
FY 1966	267,000	
FY 1967 (Est.)	300,000	
FY 1968 (Est.)	200,000	

Progress to Date:

This College opened in November 1962, with the first class of 132 students occupying the new resident halls. All major classrooms and resident units have been completed. A total of 375 students have been enrolled. The library building with 8,661 volumes is completed. Instruction in the subjects of biology, chemistry, English, French, general science, mathematics, psychology, physics, history, geography, and teaching methods are being taught. Syllabi have been written for all courses taught. All educational materials and equipment have been purchased within the UCLA contract. Several research studies are underway. The first in-service program has been held and the first aptitude tests have been administered. A faculty study committee has made plans for including courses in the humanities, social sciences, and physical education. Eight staff members have been sent to the United States for one or two years' training.

NIGERIA

Project No. 620-11-660-731

Began: FY 1957

Proposed Terminal Date: FY 1968

ADVANCED TEACHERS COLLEGE OF EDUCATION - IBADAN BRANCH
(AID - Ohio University)

Project Objective and Description:

The purpose of this activity is to develop an advanced level teacher training program designed for preparing teachings for greater educational breadth and depth for secondary schools and teacher training colleges. To develop a commercial teacher training program and assist the Ministry of Education in supervision and curriculum development of business education in secondary schools and also to develop an in-service program which will improve the academic and professional competency of Nigerian educators of all administrative ranks and levels of certification.

<u>Expenditures:</u>		<u>Expected Obligations for Project Completion:</u>
FY 1957 - FY 1965	\$2,565,000	\$70,000
FY 1966	540,000	
FY 1967 (Est.)	600,000	
FY 1968 (Est.)	270,000	

Progress to Date:

The initial phase of the advanced teacher training program has been completed, reaching 150 tutors, Two-hundred and forty prospective teachers have been enrolled in the teacher training courses. Syllabi, lesson plans; and entrance examinations have been developed. Teaching materials and equipment have been procured and science laboratories and a library have been established. Fifty-one commercial education teachers have been trained and placed and a commercial curriculum devised. About 1,400 secondary school students have been trained in commercial education and about 3,000 are currently enrolled.

Two in-service centers have been established and 300 primary teachers have attended a thirty-week training course. Tests were developed to determined effectiveness of the program.

More than 4,400 primary teachers have attended the centers. Seven instructional materials consisting of manuals and textbooks have been prepared. Various extension activities have been carried out. Ohio University has a staff of 15 at the College, developing curricula and textbooks.

NIGERIA

Project No. 620-11-660-732

Began: FY 1963

Proposed Terminal Date: FY 1970

KANO TEACHER TRAINING COLLEGE

(AID - Ohio University)

Project Objective and Description:

The purpose of this project is to assist the Ministry of Education in the major expansion of its primary teacher education program in Northern Nigeria. The Kano Teacher Training College will play a major role in this activity. The plan projects an enrollment of approximately 829,000 students in 7 grades of the primary school system by 1970 which will represent 25 percent of the school-age children. The program involves teacher training, curricula construction, facility construction, acquisition of teaching materials and equipment, etc.

<u>Expenditures:</u>	<u>Expected Obligations for Project Completion:</u>
FY 1963 - FY 1965	\$966,000
FY 1966	819,000
FY 1967 (Est.)	800,000
FY 1978 (Est.)	900,000

Progress to Date:

The new Kano Teacher Training College opened in September 1961. About 12-13 personnel under the Ohio contract are currently working on the contract activities. The construction program is well underway.

Twenty-four buildings, plus basic furniture, have been constructed. The library program has begun with 2,000 books received, plus other audio-visual materials and equipment. About 205 male students are enrolled at the College. Five-year correspondence courses are being written in English and arithmetic for Grade III and uncertified teachers. Five in-service centers have been opened. A vocational course was attended by 114 teachers. Radio broadcasts for English Students have been prepared. A temporary language laboratory has been developed at the College.

In addition to the above work with Kano Teacher Training College and in relation to Project 620-11-640-710, Northern Nigeria Teacher Education, Ohio University is supervising sixty Peace Corps Volunteers in an intensive in-service training program for the teachers of the Northern Region.

NIGERIA

Project No. 620-11-690-208

Began: FY 1962

Proposed Terminal Date: FY 1969

MODERN AIDS TO EDUCATION

(AID - Board of Education, Washington County,
Hagerstown, Maryland)

Project Objective and Description:

The purpose of this project is to assist the Ministries of Education of Nigeria in reaching soundly based decisions relative to the use of broadcast instruction in their educational systems and encourage and assist in facilitating the maximum coordination, cooperation, and interchange between the Regional Ministries of Education, and between the Regional Ministries and the Federal Ministry of Education.

Expenditures:

Expected Obligations
for Project Completion:

FY 1962 - FY 1965	\$506,000	\$206,000
FY 1966	386,000	
FY 1967 (Est.)	800,000	
FY 1968 (Est.)	300,000	

Progress to Date:

Contractor has made a review and analysis of the existing schools broadcast situation in each region. A workshop for technical and lay personnel has been held. One person from each region has been sent to the U.S. for training in operation and maintenance of electronic equipment. Critical subject areas have been determined. Plans have been completed to coordinate all work within the Ministries. Publication of a set of teacher's notes, instructional booklet, a filmstrip, and other aids for the use of radio and television lessons has been completed. Workshops on the use of materials for broadcasts have been held. A national advisory committee on broadcasts has been established. Facilities and personnel have been expanded.

NIGERIA

Project No. 620-15-690-723

Began: FY 1964

Proposed Terminal Date: FY 1968

EDUCATIONAL BOOK PROGRAM
(AID - Franklin Book Program)

Project Objective and Description:

The purpose of this project is to develop, in cooperation with the Federal Ministry of Education, an educational textbook publishing program in Nigeria. The specific goal during the program is envisaged as the development of 25 manuscripts in FY 1965; 40 in 1966; 60 in FY 1967 and 80 in 1968, for a total of 205 manuscripts. Printing is to be done at the expense of Nigerian publishers.

<u>Expenditures:</u>		<u>Expected Obligations for Project Completion:</u>
FY 1964 - FY 1965	\$ NONE	\$116,000
FY 1966	107,000	
FY 1967 (Est.)	170,000	
FY 1968 (Est.)	175,000	

Progress to Date:

A book survey was made and plans for organization and publication of manuscripts are complete. Offices in each of the Ministries have been designated and directors named. Five participants have been given technical training. A national advisory committee has been formed. About 500 U.S. books which have proven successful in other countries have been presented for evaluation and possible adaptation. A writer's workshop has been concluded and several writers have been indentified. At least five manuscripts are underway. Advisory committees in the other regions are becoming active.

NIGERIA

Project No. 620-11-690-746

Began: FY 1960

Proposed Terminal Date: FY 1968

TEST DEVELOPMENT AND RESEARCH

(Aptitude Testing Program)

(AID - American Institutes for Research)

Project Objective and Description:

The purpose of this activity is to assist the GON refine a set of aptitude tests suitable for use with Nigerians from the primary school level to and including, college levels. Assist in training a nucleus of eight testing specialists capable of handling large-scale testing programs and establish a Federation-wide testing service to reach at least 700,000 examinees and be largely self-supporting by 1967.

Expenditures:

Expected Obligations
for Project Completion:

FY 1960 - FY 1965	\$ 8,000	\$34,000
FY 1966	144,000	
FY 1967 (Est.)	200,000	
FY 1968 (Est.)	50,000	

Progress to Date:

Twenty-one standardized tests were developed especially for Nigerian use. Stable test norms for Northern Nigeria primary school graduates were determined. New secondary school selection procedures have been established in Eastern Nigeria. Specialized testing procedures have been developed for a variety of institutions. Follow-up studies have been made of many of the students tested and a national aptitude Testing Council has been appointed.

In September 1966, the Aptitude Testing Center was made a part of the West African Examinations Council. This move attached the project to an ongoing institution and extended its influence to all of the English-speaking countries of Central Africa.

NIGERIA

Project No. 620-11-690-747

Began: FY 1961

Proposed Terminal Date: N.A.

EDUCATIONAL PLANNING AND ADVISORY SERVICES
(AID - Education and World Affairs)

Project Objective and Description:

The purpose of this project is to assist the Nigerian Ministries of Education in the formulation of educational plans, in the development, implementation, and evaluation of AID-assisted activities in the field of education, and in coordinating AID-projects with other Nigerian programs in the field of education.

Expenditures:

Expected Obligations
for Project Completion:

FY 1961 - FY 1965	\$1,076,000	N/A
FY 1966	468,000	
FY 1967 (Est.)	500,000	
FY 1968 (Est.)	400,000	

Progress to Date:

An English Language Seminar has been held. New Guidelines for expanding English language assistance have been established. Assistance has been given in the area of educational planning and statistics. New statistical forms have been developed and new information gathered. Projection tables have been developed both for enrollment and finances. Primary school development plans have been completed. Management procedures have been improved. Several research papers have been concluded. Due to the nature of this project, planning and supervisory activities, progress is shown more concretely in other areas of development.

Under an AID contract, Education and World Affairs is in the process of reassessing all educational activities in Nigeria and on the basis of this reassessment will develop a strategy of education to guide both the Government of Nigeria and AID in future educational programs.

NIGERIA

Project No. 620-11-110-722

Began: FY 1962

Proposed Terminal Date: FY 1973

AGRICULTURAL EDUCATION, RESEARCH AND EXTENSION

EASTERN NIGERIA

(AID - Colorado State University)

Project Objective and Description:

The purpose of this project is to assist the Government of Eastern Nigeria in the development of its sub-university agricultural education, research and extension. From 1962 to 1964, this project was implemented by AID direct-hire personnel. Since that time it has been carried out under a contract with Colorado State University.

<u>Expenditures:</u>	<u>Expected Obligations for Project Completion:</u>			
	<u>Grant</u>	<u>Loan</u>	<u>Grant</u>	<u>Loan</u>
FY 1962 - FY 1965	\$1,772,000	\$ - -	\$2,300,000	\$1,700,000
FY 1966	428,000	- -		
FY 1967 (Est.)	1,200,000	100,000		
FY 1968 (Est.)	1,600,000	1,000,000		

Progress to Date:

Through an AID Development Loan, and utilizing existing buildings, it is planned to complete expanded facilities at Umudike Agricultural Research and Training Station to accommodate 400 students, 110 teaching and research staff, and 927 administrative and auxiliary staff by 1969.

Specialists from Colorado State University are advising and consulting with Nigerian officials in charge of the Agricultural Research and Training Station. They are assisting with administering and developing research and teaching programs, and in-service training programs to upgrade members of the Extension Service. Other specialists are assisting the Ministry of Agriculture in its extension program and special farm improvement programs.

NIGERIA

Project No. 620-11-110-742

Began: FY 1962

Proposed Terminal Date: FY 1972

FACULTY OF AGRICULTURE - UNIVERSITY OF IFE
(AID - University of Wisconsin)

Project Objective and Description:

The objective of this project is to assist in the development of a Faculty of Agriculture at the University of Ife, Western Nigeria, so that the five-year-old institution can accommodate 400 students by 1975.

Expenditures:

Expected Obligations
for Project Completion:

FY 1962 - FY 1965	\$ 47,000	\$3,372,000
FY 1966	321,000	
FY 1967 (Est.)	1,000,000	
FY 1968 (Est.)		

Progress to Date:

The University of Wisconsin team consists of 19 educators and one business manager. Their duties are: to assist in the organization of the University faculty, to develop an extensive research program, strengthen extension services and to select equipment and teaching materials.

The Faculty of Agriculture will be moved from the present temporary location at Ibadan to a new permanent campus at Ile-Ife in October, 1967.

NIGERIA

Project No. 620-11-110-743

Began: FY 1962

Proposed Terminal Date: FY 1973

FACULTY OF AGRICULTURE AND VETERINARY MEDICINE

AHMADU BELLO UNIVERSITY

(AID - Kansas State University)

Project Objective and Description:

The objective of this project is to assist Ahmadu Bello University in Northern Nigeria to develop a Faculty of Agriculture and a Faculty of Veterinary Medicine to meet the need for professional agriculturalists as set forth in the Nigerian Development Plan.

Expenditures:

FY 1962 - FY 1965	\$ 292,000
FY 1966	480,000
FY 1967 (Est.)	1,400,000
FY 1968 (Est.)	1,200,000

Expected Obligations
for Project Completion:

<u>Grant</u>	<u>Loan</u>
\$4,018,000	\$3,400,000

Progress to Date:

An eighteen-member team of educators from Kansas State University is: (1) Advising and assisting the Ahmadu Bello University in the organization and development of the Faculties of Agriculture and of Veterinary Medicine; (2) Assisting in the preparation of curricula and research programs; (3) Advising on future expansion of the Faculties. The goal of the Faculty of Agriculture is to achieve a total enrollment in the three-year course of 300 students by 1970.

NIGERIA

Project No. 620-11-110-744

Began: FY 1961

Proposed Terminal Date: FY 1970

AGRICULTURAL EDUCATION - WESTERN NIGERIA
(AID - University of Wisconsin)

Project Objective and Description:

The objective of this project is to assist the Western Region to increase the number of trained agricultural extension, research and technical staff through upgrading the Ibadan and Akure Schools of Agriculture and three Farm Institutes. The Western Region needs 492 additional agricultural officers by 1970 to provide one officer for 4,000 families.

<u>Expenditures:</u>	<u>Expected Obligations for Project Completion:</u>			
	<u>Grant</u>	<u>Loan</u>	<u>Grant</u>	<u>Loan</u>
FY 1961 - FY 1965	\$666,000	-	\$585,000	\$1,000,000
FY 1966	350,000	-		
FY 1967 (Est.)	500,000	-		
FY 1968 (Est.)	500,000	\$100,000		

Progress to Date:

AID has provided direct-hire advisory service to the Ibadan and Akure Schools of Agriculture and the three Farm Institutes since FY 1962 and equipment for classrooms, laboratories, and shops. Grant-financed construction is underway at Ibadan for a library classroom building to attain the capacity of 300 students per year planned by the GOWN. AID signed a contract with the University of Wisconsin in 1966 to provide eight agricultural educators to assist in the continued improvement of the Schools. Each of the Farm Institutes has an approximate enrollment of 200 pupils. Assistance to the Farm Institutes is still provided by AID direct-hire personnel.

NIGERIA

Project No. 620-11-110-745

Began: FY 1962

Proposed Terminal Date: FY 1968

AGRICULTURAL EDUCATION - NORTHERN NIGERIA

Project Objective and Description:

The purpose of this project is to provide technical assistance, training, equipment, and some construction of facilities, for the Schools of Agriculture at Samaru and Kabbu, which are training supervisory personnel for the extension services. In addition, AID is assisting Farm Training Centers and Farm Institutes in curriculum development, staff training, building and equipping these institutions.

<u>Expenditures:</u>		<u>Expected Obligations for Project Completion:</u>
FY 1962 - FY 1965	\$852,000	\$83,000
FY 1966	290,000	
FY 1967 (Est.)	350,000	
FY 1968 (Est.)	250,000	

Progress to Date:

Six direct-hire U.S. Agriculture Specialists have assisted at the Samaru and Kabbu Agricultural Schools. New facilities have been constructed. Farming aids, farm garden and hand tools, audio-visual aids, and books have been furnished.

The two schools are expected to graduate 175 agriculturalists and home economists annually.

NIGERIA

Project No. 620-11-770-739

Began: FY 1963

Proposed Terminal Date: FY 1969

FACULTY OF BUSINESS - UNIVERSITY OF LAGOS
(AID - New York University)

Project Objective and Description:

The purpose of this project is to assist the GON in developing a new Faculty of Administration and Continuing Education Program at the University of Lagos. Program emphasis will be given to Business Administration. A contract team (NYU-AID) will prepare and help develop an organizational framework for the Faculty of Administration as an integral part of the University, develop curricula for B.A. degree courses, develop the policies and framework for a continuing education program, establish standards, develop an appropriate research program, develop the Business Administration section of the library, and establish a program of recruitment and training activities.

Expenditures:

Expected Obligations
for Project Completion:

FY 1963 - FY 1965	\$545,000	\$60,000
FY 1966	65,000	
FY 1967 (Est.)	850,000	
FY 1968 (Est.)	160,000	

Progress to Date:

The Faculty has been organized into four major areas of study. A three-year day program and a comparable evening program covering five years (B.A. Degree) have been drawn up and course materials, case studies and lectures prepared for the courses. 140 students have been enrolled in the training course. Another 92 have been accepted in the evening class program. The research program has begun and about 15 papers and books have been published or are in the process of completion. Two seminars have been conducted, a library composed of at least 7,000 books established, and other teaching materials and equipment valued at \$18,000 has been provided. Eight participants have been sent for training and six contract team members are engaged in contract activities.

NIGERIA

Project No. 620-11-770-740

Began: FY 1961

Proposed Terminal Date: FY 1969

ZARIA INSTITUTE OF ADMINISTRATION
(AID - University of Pittsburgh)

Project Objective and Description:

The purpose of this project is to assist the Government of Northern Nigeria, through a contract with the University of Pittsburgh, in improving the Zaria Institute of Administration by providing professional assistance in up-grading, strengthening, and expanding the institution.

<u>Expenditures:</u>		<u>Expected Obligations for Project Completion:</u>
FY 1961 - FY 1965	\$788,000	\$2,213,000
FY 1966	349,000	
FY 1967 (Est.)	400,000	
FY 1968 (Est.)	250,000	

Progress to Date:

Since 1962, a contract team (University of Pittsburgh-AID) has provided assistance in upgrading, strengthening and expanding the Institute. The three-year baccalaureate program has developed three specializations--public administration, business administration, and international affairs administration. The total number of students has grown steadily. Approximately, 150 were admitted to the 1965-66 classes. Also approximately 600 other students attend training courses in accountancy, educational administration, local government, cooperatives, and middle management. Various short-term courses have been given and continue to be scheduled for government officials and employees. The Research and Publications Center has been established and more than two dozen research projects have been completed or are underway.

The library now has well over 22,000 volumes. About \$30,000 for teaching materials, text and library books, training films and projectors and similar equipment has been provided by AID.

New building facilities for the Business Administration Center have been constructed and financed entirely from donations from the Nigerian business community.

SIERRA LEONE

Project No. 636-11-690-004

Began: FY 1961

Proposed Terminal Date: Subject
to Annual Review

HUMAN RESOURCES DEVELOPMENT

Project Objective and Description:

The purpose of this activity is to provide training in the U.S. and third countries which is not available in Sierra Leone for selected participants in fields related to the development of the country, but are not covered by present project participant programs.

Expenditures:

Expected Obligations
for Project Completion:

FY 1961 - FY 1965	\$ 84,000	\$260,000
FY 1966	68,000	
FY 1967 (Est.)	194,000	
FY 1968 (Est.)	178,000	

Progress to Date:

Through FY 1964, eighteen participants had been selected and trained or are in training under this program in the following fields: Transportation, Youth Activities, Woodworking, Police Administration, Public Works, Labor Relations, Social Welfare, Public Health, Radio and TV, Public Administration, Urban Development, Geology, Manpower Utilization.

Training has been, or is being provided for 54 participants since this project began.

SIERRA LEONE

Project No. 636-11-690-008

Began: FY 1961

Proposed Terminal Date: FY 1970

RURAL EDUCATION IMPROVEMENT

(AID - National Education Association)

Project Objective and Description:

The purpose of this project is to improve teacher training in the several teacher training colleges, however, major emphasis concerns the upgrading of teachers who are now in service, particularly in the rural areas. The chief means by which this aim will be achieved is through inservice workshops conducted by volunteer American teachers during the vacation period.

<u>Expenditures:</u>	<u>Expected Obligations for Project Completion:</u>	
	<u>Grant</u>	<u>Loan</u>
FY 1961 - FY 1965	\$854,000	\$
FY 1966	259,000	\$279,000
FY 1967 (Est.)	318,000	\$1,500,000
FY 1968 (Est.)	305,000	500,000

Progress to Date:

Two technicians have been provided the Milton Margai Training College and began programs in Home Economics and Vocational Agriculture. Staff and student housing has been provided. Building grants for classroom facilities have been approved. Library books and laboratory equipment have been obtained for all the teacher training colleges and secondary schools. Through 1964, 34 participants had been sent to the U.S. for further training. Four vacation workshop courses have been held for primary teachers; 165 in 1963, 242 in 1964, 500 in 1965, and 373 in 1966. The Njala University has been established as an outgrowth of this project. General science laboratory equipment has been ordered for 15 secondary schools with FY 1966 funds.

SIERRA LEONE
Project No. 636-11-110-001
Began: FY 1961
Proposed Terminal Date: FY 1970

RURAL TRAINING INSTITUTES
(AID - Hampton Institute)

Project Objective and Description:

The purpose of this project is to establish a rural training institute wherein out-of-school youth and adults from rural areas will have an opportunity to profit from a teacher-learning experience; to establish the acceptance of a training institute centered around a functional program relating education to economic productivity and rural living; to obtain progressive support of the Government in order to ultimately establish facilities for a staff of at least 30 and 200 resident students and to establish a model for similar institutions.

<u>Expenditures:</u>		<u>Expected Obligations for Project Completion:</u>
FY 1961 - FY 1965	\$562,000	\$762,000
FY 1966	379,000	
FY 1967 (Est.)	450,000	
FY 1968 (Est.)	455,000	

Progress to Date:

Twenty-two students graduated in 1964 from Kenema Rural Training Institute with a belief in the dignity of labor. Ten were employed by the Institute. Forty-eight have completed their first year and another 50 have entered training. A dining hall, a home economics building, a girl's dormitory, 4 staff houses, a livestock building, the water and power plant and the size of the campus have been completed. A governing council has been established. A functional training program has been devised relating education to production and rural living. Provisions to expand the facilities have been decided. Short course training has been initiated and the decision to start one additional institute in 1965 has been established. Provisions have been made to employ selected graduates as rural elementary school teachers and community demonstrators. Another institute is being established at Batkanu. Approximately 80 students are enrolled at Batkanu in 1966-1967.

SIERRA LEONE

Project No. 636-11-110-015

Began: FY 1963

Proposed Terminal Date: FY 1973

NJALA UNIVERSITY COLLEGE
(AID - University of Illinois)

Project Objective and Description:

The purpose of this project is to assist the Government of Sierra Leone to establish a new integrated agricultural and educational institution which will conduct agricultural research, instructional and extension programs, and a program in secondary teacher training in direct response to the goals and aspirations of the country.

<u>Expenditures:</u>			<u>Expected Obligations for Project Completion:</u>		
		<u>Grant</u>	<u>Loan</u>	<u>Grant</u>	<u>Loan</u>
FY 1963 - FY 1965	\$	356,000	\$	\$3,716,000	\$500,000
FY 1966		348,000			
FY 1967 (Est.)		1,011,000			
FY 1968 (Est.)		963,000	500,000		

Progress to Date:

Two of the contract members from the University of Illinois arrived in Sierra Leone in October 1964. The college charter has been granted and the college council has been formed and is functioning. Policies and procedures have been developed and a system of records and accounts set up. The curriculum has been outlined, and books, equipment and supplies for the first year have been acquired. Student quarters, classrooms, office space and staff houses have been refurnished. A campus plan has been developed and some 40 new staff residences have been completed. The English Laboratory has been remodeled and the equipment installed. The agriculture shop has been equipped and some equipment for the experiment station has been ordered. A few experiments have begun in variety tests and fertilizer tests. Staff to operate the college have been obtained and thirteen of the contract members are on board. Eight participants have been sent to the United States for training. The 1966-1967 enrollment is approximately 260 students.

SOMALI

Project No. 649-11-640-036

Began: FY 1961

Proposed Terminal Date: FY 1972

EDUCATION IMPROVEMENT

(AID - Eastern Michigan University)

Project Objective and Description:

The purpose of this project is to assist the Ministry of Education of the Somali Republic in developing a good pre-service teacher education program at the National Teacher Education Center (NTEC) to provide in-service teacher education for teachers of elementary and intermediate schools, assist in the production of syllabi for teacher education and for elementary and intermediate education, and also to help in the production of teaching materials, and to advise the professional staff of the Ministry on general problems of education.

Expenditures:

FY 1961 - FY 1965	\$1,007,000
FY 1966	452,000
FY 1967 (Est.)	443,000
FY 1968 (Est.)	575,000

Expected Obligations
for Project Completion:

\$1,656,000

Progress to Date:

This is a relatively new project and in the early stages of development. Seven of the current staff at the National Teacher Education Center have received training in the U.S. and an adequate maintenance staff has been assigned to the school. A good basic three-year teacher education program for elementary teachers has been developed. A sound practice teaching program has been initiated. Several on-campus and off-campus workshops for teachers have been conducted. A syllabus for primary grades has been developed. The EMU staff has rendered continuous assistance to the Ministry of Education in addition to their teaching roles.

SOMALI

Project No. 649-11-690-043

Began: FY 1962

Proposed Terminal Date: N.A.

SCHOLARSHIP PROGRAM

Project Objective and Description:

The purpose of this project is to provide the opportunity for higher education to qualified students whose educational interests coincide with a demonstrated need for higher education in areas of economic and social development. It is the intent of this project to be a practical response to that need until such time as it is logical to develop a university for the country.

Expenditures:

FY 1962 - FY 1965	\$147,000
FY 1966	41,000
FY 1967 (Est.)	48,000
FY 1968 (Est.)	37,000

Expected Obligations
for Project Completion:

\$123,000

Progress to Date:

Initially this was a special scholarship program established in 1962 to provide four-year degree programs for 11 participants selected that year. To date no additional candidates have been programmed for training since the original eleven.

The mission is now proposing to fund ten new scholarships for qualified degree candidates and to begin an equal number in FY 1967.

SOMALI

Project No. 649-11-960-044

Began: FY 1963

Proposed Terminal Date: FY 1967

COMMUNICATIONS MEDIA TRAINING

Project Objective and Description:

The objective of this project is to assist the Government of the Somali Republic Ministry of Information in the design, development and use of audio-visual techniques by the training of appropriate personnel. In addition, through the resources of the Communications Media Advisor, the Ministry of Information will offer advice to other ministries of the GSR in developing appropriate audio-visual materials to support their respective economic activities.

Expenditures:

Expected Obligations
for Project Completion:

FY 1963 - FY 1965	\$50,000	NONE
FY 1966	26,000	
FY 1967 (Est.)	48,000	

Progress to Date:

The audio-visual project was organized for the purpose of developing appropriate aids for use when working with the GSR Ministries and offers various reproduction services for the provision of training manuals, flip charts, filmstrips, exhibits, pilot textbooks, posters, reports, graphs and maps. Also it has assisted various ministries periodically in the designing and producing of posters and pamphlets for specific projects in communicating with the general public. The project has trained five participants in radio broadcasting, maintenance, and production. This project is being phased out by April 1967.

SUDAN

Project No. 650-11-610-007

Began: FY 1958

Proposed Terminal Date: FY 1970

TECHNICAL EDUCATION

(AID - Dunwoody Industrial Institute)

Project Objective and Description:

The purpose of this activity is to assist Sudan to improve and expand the technical vocational education system to meet the critical need for skilled manpower. Objectives include: (1) Expanding and upgrading technical education through construction equipment and advisory services; (2) Furnishing contract teaching advisors to the Khartoum Senior Trade School; and, (3) Training Sudanese staff for the entire system.

Expenditures:

Expected Obligations
for Project Completion:

FY 1958 - FY 1965	\$6,331,000
FY 1966	436,000
FY 1967 (Est.)	410,000

NONE

Progress to Date:

The Khartoum school, a post-secondary two-year institution for training vocational teachers and teaching specialized skilled trades, which includes six shop buildings, 22 staff houses, a library, a classroom and administration building, and two student dormitories, has been completely equipped. Advisors under an AID contract with Dunwoody Institute are now providing in-service training in more technical subjects. The first student class of 250 is now assigned to local industries for practical training. A second starting class of 195 is enrolled.

SUDAN

Project No. 650-11-660-085

Began: FY 1965

Proposed Terminal Date: FY 1961

UNIVERSITY OF KHARTOUM
(AID - Northwestern University)

Project Objective and Description:

The purpose of this project is to assist the University of Khartoum's faculties of engineering, Science and Economics to graduate 400 to 500 students by 1970 to meet the increasing need for trained managerial and professional staff for Sudan's development plan projects.

Expenditures:

Expected Obligations
for Project Completion:

FY 1965	8,000	\$1,397,000
FY 1966	183,000	
FY 1967 (Est.)	469,000	
FY 1968 (Est.)	576,000	

Progress to Date:

A survey conducted by Northwestern University in 1965 resulted in recommendations for priority assistance to the three faculties. In FY 1965, a contract was signed by Northwestern University and the University of Khartoum. Six Northwestern University professors taught at the University of Khartoum during the school year 1965-66. Four additional professors are teaching during the school year 1966-67.

SUDAN

Project No. 650-11-690-063

Began: FY 1962

Proposed Terminal Date: Indefinite

EDUCATIONAL DEVELOPMENT SUPPORT

Project Objective and Description:

The purpose of this project is to provide for continuing planning and supervisory services for the AID educational program in Sudan and to provide training and advisory services to the Government of Sudan in carrying out its education development program.

Expenditures:

FY 1962 - FY 1965	\$222,000
FY 1966	90,000
FY 1967 (Est.)	186,000
FY 1968 (Est.)	342,000

Expected Obligations
for Project Completion:

Indefinite

Progress to Date:

Training is programmed under this activity for high level Ministry and school system officials to observe U.S. teaching and administrative methods. Seven participants were programmed in the U.S. and twenty were programmed at American University of Beirut in FY 1966. Construction costs of several intermediate and post-intermediate technical schools were financed in prior years, under this project.

SUDAN

Project No. 650-11-690-066

Began: FY 1963

Proposed Terminal Date: FY 1968

SCHOOL ARCHITECTURAL SERVICES
(AID - Dalton-Dalton Associates)

Project Objective and Description:

The purpose of this activity is to establish a self-sustaining Building Unit within the Ministry of Education by 1969. The Unit should be capable of planning school buildings, with emphasis on preparation of standard plans for various types and sizes of schools adapted to local conditions, making necessary architectural drawings and providing supervisory services for construction. The Unit would also be charged with determining the most economical methods of school construction.

Expenditures:

Expected Obligations
for Project Completion:

FY 1963 - FY 1965	\$261,000
FY 1966	178,000
FY 1967 (Est.)	152,000
FY 1968 (Est.)	118,000

\$2,000

Progress to Date:

A survey was made in November 1962 to determine requirements and conditions. The first member of the contract team arrived in October 1963. Two short-term consultants have been used. Two participants have been sent to the U.S. for training. The working drawings for a prototype intermediate technical school have been completed. Another preliminary design of a two-classroom elementary school has been completed. Construction on part of the building plans has begun.

SUDAN

Project No. 650-22-690-074

Began: FY 1966

Proposed Terminal Date: FY 1970

SCHOOL CONSTRUCTION

Project Objective and Description:

The purpose of this project is to provide financing in FY 1965 to support the Government of Sudan school construction program which includes a total of 15 schools to accommodate a total of 2,520 pupils. USAID/Sudan's financial assistance will be earmarked for the construction of the physical facilities of ten intermediate schools, four secondary schools and one post-intermediate technical school.

Expenditures:

	<u>Loan</u>
FY 1964 - FY 1967	\$ NONE
FY 1968	500,000

Expected Obligations
for Project Completion:

<u>Loan</u>
\$1,249,000

Progress to Date:

All these schools to be assisted are already established and in operation. Plans and designs have been completed by the Education Building Unit.

Negotiations for the service of a contract to conclude this activity has begun. U.S. owned local currency loan funds totaling \$1,749,000 will be used for local labor and material costs.

TANZANIA

Project No. 621-11-610-050

Began: FY 1964

Proposed Terminal Date: FY 1970

TECHNICAL EDUCATION

(AID - California State Polytechnic College)

Project Objective and Description:

The purpose of this activity is to provide selected high level staff for the Technical College of Dar-es-Salaam for a period of 5 years to assist in meeting Tanzania's minimum objectives of training approximately 500 diploma level engineers during the Five-Year Development Plan, 1964-1969, reaching an output of up to 180 per annum by 1971.

The Plan also calls for training a selected corps of Tanzania teachers for the college.

Expenditures:

Expected Obligations
for Project Completion:

FY 1964 - FY 1965	\$ 11,000
FY 1966	134,000
FY 1967 (Est.)	416,000
FY 1968 (Est.)	355,000

\$649,000

Progress to Date:

This is a new project. AID has provided an amount of \$295,000 for initial funding for a contract between AID and a university in the United States.

The contract with California Polytechnic has been signed, seven teachers have been furnished, participants are being trained in the United States and, the entire Technical College engineering program has been strengthened.

TANZANIA

Project No. 621-12-610-078

Began: FY 1965

Proposed Terminal Date: FY 1969

ZANZIBAR TECHNICAL COLLEGE

(Changed to Technical College in 1965)

Project Objective and Description:

The purpose of this project is to build and equip a Technical College which in its beginning phase will provide training for 125 pre-technical students. Beginning in 1969, the College will begin a diploma level program for technicians with an annual input of 50 new students. However, a twelve months' delay in the signing of the contract for phase II has caused a postponement of much of the work scheduled for FY 1966.

Expenditures:

FY 1965	\$187,000
FY 1966	69,000
FY 1967 (Est.)	233,000
FY 1968 (Est.)	415,000

Expected Obligations
for Project Completion:

\$150,000

Progress to Date:

The first phase of the construction has been completed. Phase II, after the twelve months' delay, is now reactivated.

TANZANIA

Project No. 621-11-620-074

Began: FY 1966

Proposed Terminal Date: FY 1972

SECONDARY VOCATIONAL AGRICULTURE

Project Objective and Description:

The purpose of this activity is to assist Tanzania to meet the manpower targets of the Five-Year Plan more effectively by adapting the curriculum in selected secondary schools to include a study of the principles and practice of agriculture.

<u>Expenditures:</u>			<u>Expected Obligations for Project Completion:</u>	
	<u>Grant</u>	<u>Loan</u>	<u>Grant</u>	<u>Loan</u>
FY 1966	\$ NONE	\$	\$642,000	\$70,000
FY 1967 (Est.)	\$ 55,000			
FY 1968 (Est.)	181,000	100,000		

Progress to Date:

This project is proposed to be carried out under contract with West Virginia University.

TANZANIA

Project No. 621-22-650-004

Began: FY 1962

Proposed Terminal Date: FY 1968

TEACHER TRAINING AND DEVELOPMENT

Project Objective and Description:

The purpose of this activity is to assist Tanzania in achieving manpower goals in teacher training by providing technician and participant training grants for a period of 3 years, \$169,000 worth of equipment and books for the major teachers colleges and a capital development loan (\$800,000) to finance the construction of the Changombe Teachers College.

<u>Expenditures:</u>			<u>Expected Obligations</u>
	<u>Grant</u>	<u>Loan</u>	<u>for Project Completion:</u>
FY 1963 - FY 1965	\$583,000	\$477,000	<u>Loan</u> \$555,000
FY 1966	210,000	293,000	
FY 1967 (Est.)	78,000	30,000	
FY 1968 (Est.)	NONE	360,000	

Progress to Date:

The technical assistance portion of this project has been carried out under a contract with Kent State University. The counterparts have been trained. The health education center, the library, and the instructional aids center have been completed. The appropriate curriculum also at the Changombe Teachers College has been improved; new syllabuses have been developed in selected fields along with changes in attitudes toward certain courses (health education, etc.).

Regular refresher courses have been carried out, resulting in the upgrading of the instructional program. Approximately \$170,000 worth of books, materials and equipment have been provided to strengthen the teaching program. All major construction has been completed and enrollment is established at about 280 Grade A students.

A second loan is under discussion to expand Changombe and to construct new facilities to enable Iringa Teacher Training College to change to a Grade A curriculum and to enable 235 students by 1970.

TANZANIA

Project No. 621-11-690-065

Combined with No. 621-11-690-068

Began: FY 1965

Proposed Terminal Date: FY 1970

EDUCATIONAL MATERIALS AND ADVISORY SERVICES

Project Objective and Description:

The purpose of this project is to provide U.S. books, literature and teaching equipment to key areas in the education programs of Tanzania, and at the same time to provide advisory staff members who will be responsible for the planning, direction and implementation of the educational program.

Expenditures:

Expected Obligations
for Project Completion:

FY 1965	\$ NONE	\$316,000
FY 1966	44,000	
FY 1967 (Est.)	162,000	
FY 1968 (Est.)	173,000	

Progress to Date:

A six-week National Education Association Teach Corps seminar for primary school teachers was carried out under this project in November - December 1966.

An evaluation of the AID education program was conducted in November 1966 as a basis for future planning.

TUNISIA

Project No. 664-11-660-073
and 664-21-660-073

Began: FY 1960

Proposed Terminal Date: FY 1976

UNIVERSITY OF TUNIS

Project Objective and Description:

The purpose of this project is to improve the quality of teaching staff and otherwise strengthen the teaching of economics in the Faculty of Law and Economics. The Faculty now has an enrollment of about 500 students who are majoring in economics.

About six months ago, it was determined that this project would concentrate on the teaching of business administration at the undergraduate level because a separate project has been established to strengthen management education and executive development which will be conducted largely outside the University complex. This project also provides for construction of a School of Law and Economics at the University of Tunis which will accommodate 1,800 students.

<u>Expenditures:</u>			<u>Expected Obligations for Project Completion:</u>	
	<u>Grant</u>	<u>Loan</u>	<u>Grant</u>	<u>Loan</u>
FY 1960 - FY 1965	\$353,000	\$.	\$1,338,000	\$500,000
FY 1966	63,000			
FY 1967 (Est.)	49,000	600,000		
FY 1968 (Est.)	175,000	857,000		

Progress to Date:

Under an approved dollar loan of \$1.8 million, together with a loan of \$757 thousand in U.S. owned local currency, plans for construction of the School of Law and Economics have been completed and an award made to the contractor. The buildings are expected to be completed and ready for occupancy by October 1968.

Preliminary negotiations have been conducted with the University of Minnesota to provide necessary services to strengthen the teaching of economics. It is expected that actual assistance will begin in September 1967.

TUNISIA

Project No. 664-11-660-153

Began: FY 1961

Proposed Terminal Date: FY 1968

U. S. UNIVERSITY EDUCATION

Project Objective and Description:

This project was designed to provide training, mostly on the B.A. and P.S. level, for 34 Tunisians to help fill the gap between needed and available college trained personnel for social and economic development of Tunisia.

<u>Expenditures:</u>	<u>Expected Obligations for Project Completion:</u>
FY 1961 - FY 1965	NONE
FY 1966	
FY 1967 (Est.)	
FY 1968 (Est.)	

Progress to Date:

Of the 34 participants programmed under this project, 12 have received their degree and are working in Tunisia, and 15 are still studying in the U.S.

UGANDA

Project No. 617-11-650-011

Began: FY 1961

Proposed Terminal Date: FY 1972

COMPREHENSIVE SECONDARY GIRLS' SCHOOL
(AID - University of Massachusetts)

Project Objective and Description:

The purpose of this activity is to construct, equip, train the staff and develop a curriculum for a comprehensive secondary school for girls which started operation in January 1965 and will be fully operated by trained Ugandan staff by January 1972.

Expenditures:

Expected Obligations
for Project Completion:

FY 1961 - FY 1965	\$895,000	\$978,000
FY 1966	368,000	
FY 1967 (Est.)	476,000	
FY 1968 (Est.)	274,000	

Progress to Date:

Construction of facilities has been completed.

Materials and equipment being provided are arriving on schedule. Five of the contract members are on board and three others have signed contracts. The first class began in January of 1965.

The University of Massachusetts has furnished fifteen staff members for the 1966-67 school year.

UGANDA

Project No. 617-22-650-017

Began: FY 1962

Proposed Terminal Date: FY 1967

SECONDARY SCHOOL EXPANSION

Project Objective and Description:

The purpose of this activity is to expand the number of school places in secondary schools by 2,138. This will provide 37 percent of the planned expansion of secondary school places from 7,700 in 1961 to 13,400 in 1966.

<u>Expenditures:</u>	<u>Expected Obligations for Project Completion:</u>		
	<u>Grant</u>	<u>Loan</u>	
FY 1962 - FY 1965	\$137,000	\$ 739,000	NONE
FY 1966	29,000	1,374,000	
FY 1967 (Est.)	30,000	287,000	

Progress to Date:

Facilities for 15 schools have been completed. In 1965, eleven participants were sent to the U.S. for educational training. In addition, nine Headmasters, Principals and Vice-Principals began six months of training in school administration in January of 1965. About \$125,000 in reference books have been delivered to the various school systems.

UGANDA

Project No. 617-22-660-018

Fegan: FY 1964

Proposed Terminal Date: FY 1968

KYAMFOGO TEACHER TRAINING COLLEGE

Project Objective and Description:

The purpose of this activity is to provide facilities for 500 students at the Kyambogo Teacher Training College by the end of FY 1966.

Expenditures:

Expected Obligations
for Project Completion:

FY 1966	\$151,000
FY 1967 (Est.)	249,000

NONE

Progress to Date:

The loan agreement was signed on October 19, 1964. The building program financed by the GOU is nearing completion. This consists of 13 staff houses, 1 laboratory, 1 library, 1 arts and crafts room, 1 study dormitory, 1 dining hall and kitchen, and 1 women's hostel.

The construction phases of this project is almost completed in FY 1967.

UGANDA

Project No. 617-11-690-027

Began: FY 1965

Proposed Terminal Date: FY 1973

EDUCATIONAL DEVELOPMENT

Project Objective and Description:

The purpose of this activity is to assist the Ministry of Education with the development of its capacity for administering, organizing, supervising and planning its programs of education.

Expenditures:

FY 1965	\$ NONE
FY 1966	100,000
FY 1967 (Est.)	195,000
FY 1968 (Est.)	173,000

Expected Obligations
for Project Completion:

\$491,000

Progress to Date:

A school architect has been provided by AID to assist the Planning Division of the Ministry of Education with the expansion of secondary schools. The services of an Educational Planning Advisor has been requested by the Ministry. Training programs will be provided in the U.S. for key officials in education to broaden their acquaintance with developments in education.

UGANDA
Project No. 617-12-660-028
Began: FY 1965
Proposed Terminal Date: FY 1967

PRIMARY TEACHER TRAINING COLLEGES
FEASIBILITY STUDY

Project Objective and Description:

The purpose of this activity is to complete a feasibility study including preliminary plans and specifications and preparation of a loan application for four regional primary teacher training colleges. It is anticipated that the Government of Uganda will submit the loan application to AID.

Expenditures:

Expected Obligations
for Project Completion:

FY 1964	\$ --	NONE
FY 1965	--	
FY 1966	NONE	
FY 1967 (Est.)	70,000	

Progress to Date:

It is proposed that USAID finance a country contract with a U.S. architectural and engineering firm specializing in school construction to prepare an economic and technical feasibility study including preliminary plans and specifications and assistance in preparation of a loan application for the construction of four minimum cost teacher training colleges.

UGANDA

Project No. 617-22-660-030

Began: FY 1966

Proposed Terminal Date: FY 1970

PRIMARY TEACHER TRAINING
COLLEGE CONSTRUCTION

Project Objective and Description:

The purpose of this activity is to prepare final plans and specifications and construct 4 Regional Primary Teacher Training Colleges. The Government of Uganda proposes to construct these four colleges to replace the existing 26 primary teacher training colleges. This is a new project and financing is to be a development loan.

Expenditures:

	<u>Loan</u>
FY 1967	\$100,000
FY 1968	400,000

Expected Obligations
for Project Completion:

\$4,500,000

Progress to Date:

This is a newly proposed project and will depend upon the Feasibility Study of Project No. 617-12-660-028.

The Government of Uganda estimates that this construction will cost about \$8.4 million. It is estimated that a development loan of \$5.0 million from USAID will be needed for final design, construction supervision, foreign exchange costs and 50 percent of local costs of construction.

UGANDA

Project No. 617-11-690-046

Began: FY 1967

Proposed Terminal Date: FY 1972

EDUCATIONAL DEVELOPMENT MEDIA

Project Objective and Description:

The purpose of this activity is to develop the capacity of the Ministry of Education to program educational television over the Uganda Television Network.

Expenditures:

FY 1967 (Est.) \$ 17,000
FY 1968 (Est.) 127,000

Expected Obligations
for Project Completion:

\$711,000

Progress to Date:

Uganda Television (UTV) began station operations in October 1963 with studios and transmitter located in Kampala and broadcasts daily from 6:30 to 10:30. UTV is constructing five additional transmitters which will reach well over 90% of the population. Special educational television is being planned for secondary schools for one and one-half hours, four days a week. Large screen television sets are being installed in 38 secondary schools. Four participants are being provided training in the U.S. in educational television.

UGANDA

Project No. 617-11-110-023

Began: FY 1963

Proposed Terminal Date: FY 1970

AGRICULTURAL EDUCATION

(AID - West Virginia University)

Project Objective and Description:

The purpose of this project is to provide staff instructor advisors for the development and expansion of diploma level of the three agricultural institutions in Uganda. The institutions are Arapai and Bukalasa, where AID is assisting the Department of Agriculture to increase the number of students to 300, and the Veterinary Training Institute where AID is assisting the Department of Veterinary Service to increase enrollment to 135 students.

Expenditures:

Expected Obligations
for Project Completion:

FY 1963 - FY 1965	\$259,000	\$781,000
FY 1966	541,000	
FY 1967 (Est.)	407,000	
FY 1968 (Est.)	445,000	

Progress to Date:

There are a total of 34 faculty positions on the staffing patterns of the three institutions. Nine positions are filled by Ugandans, eleven are filled by West Virginia University and fourteen are filled by ex-patriates. There are 12 participants being trained in the U.S. in 1966-67. It is planned that Ugandans will replace all of the West Virginia and expatriate personnel by 1971.

ZAMBIA

Project No. 611-11-660-128

Began: FY 1962

Proposed Terminal Date: FY 1970

EDUCATIONAL DEVELOPMENT SUPPORT
(formerly Teacher Training)

Project Objective and Description:

The purpose of this activity is to help raise the quality of education being provided in Zambia for primary and secondary pupils by improving the curriculum and teaching at these levels. This involves the upgrading of the pre-service training of teachers, the development and conducting of in-service training programs, and the revision of basic curricula, courses of study, and teachers' instructional guides.

Expenditures:

Expected Obligations
for Project Completion:

FY 1962 - FY 1965	\$225,000	\$280,000
FY 1966	53,000	
FY 1967 (Est.)	56,000	
FY 1968 (Est.)	113,000	

Progress to Date:

In addition to the continuous advice given by the technicians, two have changed their locations of duty in order to give closer support in the needed areas. Centers for experimental activity in modern mathematics have been developed in six laboratory schools. Thirty teachers from 15 schools have been given weekly training for 6 months in mathematics.

A workshop has been held for 40 primary and secondary teachers from 17 schools. Two mathematics textbooks and a geography series have been written. Textbook lists and instructional materials for science have been prepared.

ZAMBIA

Project No. 611-11-670-130

Began: FY 1961

Proposed Terminal Date: FY 1969

COLLEGE OF FURTHER EDUCATION

(AID - California State Polytechnic College)

Project Objective and Description:

The purpose of this project is to assist with the development of the College of Further Education--a non-racial, multipurpose, multilevel institution providing full-time, part-time and evening courses in general, vocational and professional subjects, and serving as a center for community and cultural activities.

Expenditures:

Expected Obligations
for Project Completion:

FY 1961 - FY 1965	\$232,000	\$36,000
FY 1966	79,000	
FY 1967 (Est.)	84,000	
FY 1968 (Est.)	63,000	

Progress to Date:

This college officially opened in October 1963, however, some classes had begun in June 1963. The contract team began to arrive in April 1963. They began organizational assistance immediately and helped to establish long-range educational objectives.

Team members visited other institutions and commercial firms in order to determine educational needs. Needed instructional aids and equipment were ordered.

Course outlines and program offerings in specialized fields have been prepared. A "work plan" for project activities has been established.

A Commerce Department has been organized and the curricula developed; about 175 part-time and 38 regular students have been enrolled. An evening program has been established for typing, bookkeeping, and shorthand students. A series of short courses

for business machine operators has been conducted. Systematic lesson plans, including the use of audio-visual materials, have been prepared. Courses in telecommunications, workshop practice, engineering sciences, and radio have been devised. Laboratory procedures have been improved. Courses in Home Economics were prepared and students enrolled in the various phases such as dressmaking, cooking, etc. The needs for Home Economics training were surveyed.

A curriculum in physical education has been established and training initiated. The first workshop on physical education has been organized and conducted. Recreational classes in sports have been established. Plans and designs for outdoor sports have been provided. Sports clinics have been held and physical education guides have been prepared and published. Counterparts have been trained.

ZAMBIA

Project No. 611-11-690-151

Began: FY 1965

Proposed Terminal Date: FY 1970

MASS EDUCATION MEDIA

(AID - RTV International, Inc.)

Project Objective and Description:

The purpose of this project is to assist the Government of Zambia in its Four-Year Development Plan to implement the flow of information to the people of Zambia. It is a plan to train approximately 1,000 personnel in journalism, radio and TV educational broadcasting, script writing and engineering.

Expenditures:

FY 1965	\$ 54,000
FY 1966	128,000
FY 1967 (Est.)	250,000
FY 1968 (Est.)	235,000

Expected Obligations
for Project Completion:

\$332,000

Progress to Date:

AID has provided five specialists for the project. Two are assigned to the Department of Communications in news media, two to Radio Engineering and the fifth to the Ministry of Health. The present purpose is to train quantity of manpower rather than to train for quality.

EAST AFRICA REGIONAL

Project No. 618-11-650-617

Began: FY 1961

Proposed Terminal Date: FY 1971

TEACHER EDUCATION IN EAST AFRICA

(AID - Teachers College, Columbia University)

Project Objective and Description:

The purpose of this project is to provide staffing for the secondary schools of East Africa. This was done by importing teachers as an emergency measure (TEA) and by developing teacher training facilities, training local teachers, improving the educational system, and upgrading the teacher training colleges (TEEA). All programs are under one project and one contract with Teachers College, Columbia University, and it is thus technically impossible to divide the costs between the sub-projects.

Expenditures:

Expected Obligations
for Project Completion:

FY 1961 - FY 1964	\$2,155,000	\$3,578,000
FY 1965	1,287,000	
FY 1966 (Est.)	1,232,000	
FY 1967 (Est.)	1,079,000	

Progress to Date:

The Secondary Teacher Supply objective (TEA) has been partially met by the recruitment of 464 professionally qualified American secondary school teachers. This has now been turned over to the Peace Corps. In addition, approximately 80 U.S. college tutors have been provided by TCCU to develop the teacher training facilities and upgrade the teacher training colleges (TEEA). Less than one-half of the requested tutors have been provided because of the housing shortage. In addition, an advisory staff to improve the education system and upgrade in-service teachers has been provided for the Institute of Education at Dar-es-Salaam and Kampala and to the Curriculum Development Center in Kenya.

EAST AFRICA REGIONAL
Project No. 618-11-660-602
Began: FY 1962
Proposed Terminal Date: FY 1970

VETERINARY FACULTY UNIVERSITY OF EAST AFRICA
(AID - Colorado State University)

Project Objective and Description:

The purpose of this project is to establish a Faculty of Veterinary Medicine at University College, Nairobi (one of the three constituent universities of East Africa) with the capability of training veterinarians to meet East Africa needs for such technicians.

<u>Expenditures:</u>		<u>Expected Obligations for Project Completion:</u>
FY 1962 - FY 1964	\$371,000	\$1,138,000
FY 1965	245,000	
FY 1966	314,000	
FY 1967 (Est.)	256,000	

Progress to Date:

The present student body at the veterinary college now numbers ninety-one. AID has a contract with Colorado State University. Five staff members funded under the contract are on the job.

The two wings on the para-clinical building, built by AID, are complete and in use.

Professional staff supplied to the Faculty by various institutions are now working well together.

EAST AFRICA REGIONAL

Project No. 618-11-660-609

and 618-22-660-609

Began: FY 1955

Proposed Terminal Date: FY 1969

UNIVERSITY COLLEGE, NAIROBI

Project Objective and Description:

The purpose of this project is to assist University College, Nairobi in its expansion program. The grant part of the project is for feasibility studies. The loan part of the project is for construction of an engineering block and three residence halls.

Expenditures:

FY 1955 - FY 1964	\$40,000
FY 1965	49,000
FY 1966 (Est.)	31,000

Expected Obligations
for Project Completion:

Loan

\$1,300,000

Progress to Date:

Studies have shown this project to be feasible because of the increased enrollment. The revised estimate of enrollment for 1966-67 is 48% greater than the previous estimate. The loan was signed on August 11, 1966.

EAST AFRICA REGIONAL

Project No. 618-22-660-611

Began: FY 1963

Proposed Terminal Date: FY 1969

UNIVERSITY COLLEGE, DAR-ES-SALAAM

Project Objective and Description:

The purpose of this loan is to expand the facilities of U.C.D. to meet the needs of Tanzania for additional high level manpower, particularly in the field of secondary school teaching.

Expenditures:

	<u>Loan</u>
FY 1963 - FY 1965	\$2,300,000
FY 1966 (Est.)	800,000
FY 1967 (Est.)	1,700,000

Expected Obligations
for Project Completion:

NONE

Progress to Date:

This project is being developed in three phases. Phases I and II are complete. They include a library, a classroom block, a student union building, a hall of residence, an administration building, a cafeteria and 29 staff houses. Phase III will include two more residence halls, twenty-one staff houses, extension to the cafeteria, furniture and equipment, six flats, and an extension to the student union building.

EAST AFRICA REGIONAL

Project No. 618-11-660-614

Began: FY 1964

Proposed Terminal Date: FY 1970

UNIVERSITY OF EAST AFRICA - GENERAL SUPPORT

(AID - Overseas Educational Service)

Project Objective and Description:

The purpose of this project is to provide items of general support to the University which are not included in other projects. Included in the project is \$100,000 each year to help the University attract qualified teachers from the United States. There is an annual obligation of funds for the John F. Kennedy Scholarships to allow deserving students to attend a university other than the one located in his own country. A part of the fund is also used for participant training for members of the University professional staff in the U.S.

Expenditures:

FY 1964 - FY 1965	\$ 52,000
FY 1966	242,000
FY 1967 (Est.)	402,000

Expected Obligations
for Project Completion:

\$844,000

Progress to Date:

AID has a contract with Overseas Educational Service to recruit the required staff for the University. The expectation is that fifteen American staff members will be provided at the peak of the project.

Forty scholarships have been provided each year under the John F. Kennedy Scholarship program.

The first three participants under the participant training program are now studying for advanced degrees in the United States.

EAST AFRICA REGIONAL
Project No. 618-22-660-623
Began: FY 1966
Proposed Terminal Date: FY 1969

MAKERERE UNIVERSITY COLLEGE LOAN

Project Objective and Description:

The purpose of this project is to develop and expand Makerere University College in the areas of Faculty of Agriculture Residence Accommodations, and an Institute of Education Library and Documentation Center by means of a \$1,177,000 AID loan.

Expenditures:

	<u>Grant</u>
FY 1966 (Est.)	\$ 5,000
FY 1967 (Est.)	25,000

Expected Obligations
for Project Completion:

<u>Loan</u>
\$1,177,000

Progress to Date:

Work on schematics for the Agriculture Faculty construction is 90% complete. Preliminary drawings have been partially completed for the hall of residence. GOU will request AID to supply architectural and engineering services to complete preliminary plans for all building contracts under the proposed loan. Grant financing by AID of a contract with a U.S. firm for these services is estimated at \$30,000.

EAST AFRICA REGIONAL
Project No. 618-11-120-618
Began: FY 1964
Proposed Terminal Date: FY 1972

MAKERERE AGRICULTURE FACULTY
(AID - West Virginia University)

Project Objective and Description:

The purpose of this activity is to develop the capacity of the Faculty of Agriculture, Makerere University College, to increase the output of undergraduate and graduate level manpower and to reorient agricultural research activities and classroom instruction. The Makerere Agricultural Faculty is the only institution in East Africa providing degree training in agriculture.

<u>Expenditures:</u>		<u>Expected Obligations for Project Completion:</u>
FY 1964 - FY 1965	\$ 18,000	\$1,255,000
FY 1966 (Est.)	46,000	
FY 1967 (Est.)	238,000	

Progress to Date:

The Requirements Analysis Team of two men from the University of Minnesota visited Makerere in 1964 and prepared a comprehensive requirements analysis for the development and expansion of the Faculty of Agriculture.

Work and schematics for the Faculty construction is approximately 90% complete.

A contract has been signed by AID with West Virginia University to provide staff for Makerere Agriculture Faculty through December 1967. This contract includes the employment of an agricultural education specialist, two animal husbandry and two additional animal husbandry specialists in January 1967.

AFRICA REGIONAL

Project No. 698-11-660-062

Began: FY 1963

Proposed Terminal Date: FY 1973

AFRICAN GRADUATE FELLOWSHIP PROGRAM

(AID - American-African Institute)

Project Objective and Description:

The purpose of this project is to assist in meeting Africa's need for personnel with advanced training to staff its universities, research institutions, government offices and private industry. Under this program African universities, African government and the U.S. Government cooperate to make graduate-level training available to carefully selected personnel required for specific positions. The project is administered by the African-American Institute (AAI) under an AID contract.

Expenditures:

FY 1963 - FY 1965	\$998,000
FY 1966	400,000
FY 1967 (Est.)	805,000

Expected Obligations
for Project Completion:

\$4,703,000

Progress to Date:

Since its beginning in 1963, 198 Africans have been enrolled in graduate schools of American universities under this program. Thus far, 40 students have received their degrees and returned home to assume important positions. An estimated 208 graduate students will be enrolled in American universities for the academic year 1967-68 under this program.

AFRICA REGIONAL

Project No. 698-11-660-083

Began: FY 1964

Proposed Terminal Date: To Continue

AMERICAN UNIVERSITY OF BEIRUT CONTRACT

Project Objective and Description:

The purpose of this project is to help meet African needs for trained manpower by using the facilities of the American University of Beirut (AUB) for academic training in the fields of study or specialization not available to African students in their own country. The AUB has served as a regular training center for AID since 1951.

Expenditures:

Expected Obligations
for Project Completion:

FY 1951 - FY 1965	\$1,351,000	\$1,834,000
FY 1966	830,000	
FY 1967 (Est.)	750,000	

Progress to Date:

More than 3,000 students from Africa, the Near East and South Asia, have received training at AUB since the program began in 1951. During the academic year 1965-66 there were 163 African students enrolled at the University for courses in education, nursing, public health, agriculture and pharmacy. Scholarships for these students are made available through an AID/AUB contract. Since FY 1964 approximately 25% of the contract students have come from Africa. There are approximately 125 African contract students in AUB during FY 1967 and 75 additional ones are scheduled for a summer workshop.

AFRICA REGIONAL

Project No. 698-11-660-102

Began: FY 1965

Proposed Terminal Date: FY 1968

SCHOLARSHIP PLANNING/MANPOWER UTILIZATION

(AID - African-American Institute)

Project Objective and Description:

The purpose of this project is to help African governments meet their requirements for trained manpower by assisting them in utilizing available, and soon to be available, graduates of schools in the United States for their manpower requirements.

There are about 7,000 Africans studying in the United States, most of them at the undergraduate level. Approximately 5,000 of these students have less than full support--the range in amount is from adequate to hardship cases. The unsponsored students constitute an important reservoir of trained manpower for their governments. Yet their governments are often unaware of their numbers, fields of study and scheduled return.

<u>Expenditures:</u>		<u>Expected Obligations for Project Completion:</u>
FY 1965	\$12,000	\$237,000
FY 1966	75,000	
FY 1967 (Est.)	75,000	

Progress to Date:

A contract was negotiated by AID with the African-American Institute (AAI) in 1965 to prepare recommendations for a program of assistance to help the East African Governments in returning their students as soon as possible to fill critically needed positions. A series of action recommendations have been made.

Under the second phase of this project the African-American Institute and the Institute of International Education collected data on 6,880 of the estimated 10,000 African students studying in the United States. Data was for the 1965-66 academic year and included the student's name, home country, field of study, university institution, type of degree, expected date of graduation. This information is being distributed to African education attaches and governments.

AFRICA REGIONAL

Project No. 698-11-660-603

Began: FY 1961

Proposed Terminal Date: FY 1972

AFRICAN SCHOLARSHIP PROGRAM OF AMERICAN UNIVERSITIES (ASPAU)
(AID - African-American Institute)

Project Objective and Description:

The purpose of this project is to help meet African needs for trained manpower by supporting the efforts of U.S. colleges and universities to provide an undergraduate education for qualified Africans.

Expenditures:

Expected Obligations
for Project Completion:

FY 1961 - FY 1965	\$9,710,000
FY 1966	2,250,000
FY 1967 (Est.)	2,240,000

\$7,500,000

Progress to Date:

Approximately 215 American colleges and universities have provided 1,306 tuition-free scholarships for selected African students under this program since 1961. Six hundred and seventy-six students are enrolled under the ASPU program for the 1966-67 academic year. As African educational institutions improve, this program will be greatly curtailed.

AFRICA REGIONAL

Project No. 698-11-660-613

Began: FY 1961

Proposed Terminal Date: To Continue

REGIONAL EDUCATION GRANTS

Project Objective and Description:

The purpose of this project is to help meet African needs for trained manpower and to encourage greater regional use of African universities through the provision of undergraduate scholarships for study at these institutions. Efforts are being made to closely relate the field of study to the specific manpower needs of the recipient's government.

Expenditures:

Expected Obligations
for Project Completion:

FY 1961 - FY 1965	\$3,089,000
FY 1966	720,000
FY 1967 (Est.)	1,000,000

Open End

Progress to Date:

More than 2,000 scholarships, of one to four years each, have been made available at ten different African universities and colleges since 1961. Most of the scholarships are for students from outside the country in which the university is located. Funds are provided for 50 new scholarships in FY 1967.

LATIN AND SOUTH AMERICA (Continued)

<u>Country</u>	<u>Project Title</u>	<u>Project Number</u>
Colombia	1. Higher Education	514-15-660-101
	2. Agriculture Education	514-15-110-120
	3. National Education Planning	514-11-680-083
Costa Rica	1. General Assistance to Education	515-11-680-085
	2. Regional Textbook Program	515-11-640-083
Dominican Republic	1. Vocational Agricultural Education	517-11-690-071
	2. Higher Education	517-11-690-067
	3. Educational Development Support	517-11-690-067
	4. Teacher Education	517-11-690-069
	5. Civic Action Vocational Training	517-11-690-071
	6. Labor Administration and Manpower Development	517-15-490-029
Ecuador	1. Assistance to Universities	518-15-660-054
El Salvador	1. Primary School Construction (Loan)	519-22-640-092
	2. Education Planning and Normal School Development	519-11-680-071
	3. High Level Training	519-11-690-062
Guatemala	1. University Development	520-11-660-143
	2. Development of Educational Policies Priorities, and Institutions	520-11-650-149

LATIN AND SOUTH AMERICA (Continued)

<u>Country</u>	<u>Project Title</u>	<u>Project Number</u>
Guyana	1. Labor - Education and Social Projects	504-11-490-021
Honduras	1. Education Improvement and Development	522-11-640-054
	2. Elementary Textbooks	522-11-640-061
	3. Project Planning and Coordinating Education	522-11-690-089
	4. Labor Education	522-13-410-083
Jamaica	1. Human Resources Development Teacher Training	532-11-990-028
	2. Human Resources Development Educational TV	532-11-990-032
Nicaragua	1. Education Planning and Development	524-11-640-023
	2. Higher Level Manpower Training	524-11-660-052
	3. Manpower Planning and Development	524-11-460-054
Panama	1. Manpower Training	525-15-990-061
	2. Education Development - Private Higher Education	525-13-660-109
	3. Elementary and Secondary Education Development	525-11-680-110
Paraguay	1. Organization and Administration of Higher Education	526-11-660-079
	2. Faculty of Agronomy and Veterinary Medicine	526-11-110-080

LATIN AND SOUTH AMERICA (Continued)

<u>Country</u>	<u>Project Title</u>	<u>Project Number</u>
Paraguay (Cont'd)		
	3. School of Medical and Nursing Education	526-11-540-081
	4. Rural Education Development	526-11-690-045
Peru	1. Public Education	527-11-690-067
	2. Graduate School of Business Administration	527-11-770-130
Venezuela	1. National Manpower Training and Development	529-11-690-013
LA/ROCAP	1. Development of Institutions of Higher Education	596-11-660-012
	2. Textbook Development	596-11-640-006

ARGENTINA

Project No. 510-13-660-028

Began: FY 1963

Proposed Terminal Date: FY 1969

ENGINEERING
(AID - Bucknell)

Project Objective and Description:

The purpose of this activity is to establish in the Faculty of Engineering of the Catholic University of Cordoba, a Department of Electrical Engineering, a Department of Metallurgical Engineering, and to strengthen the Department of Civil Engineering and the Department of Mechanical Engineering in order to help Argentina meet the great need for engineers trained to supply the growing demands of industrial development.

Expenditures:

FY 1963 - FY 1965	\$223,000
FY 1966	192,000
FY 1967 (Est.)	215,000
FY 1968 (Est.)	100,000

Expected Obligations
for Project Completion:

\$24,000

Progress to Date:

In May 1963, a two-year contract was signed with Bucknell University to work with the Catholic University of Cordoba. Five experts made up the contract team. In May 1965, an extension was signed providing financial support at the same level through December 1966. The same type of services will be provided by Bucknell. USAID has projected a FY 1967 obligation to continue support from January 1, 1967 to June 30, 1968. Major steps of progress include:

a. Physical Facilities

The engineering building now contains 5 completely equipped laboratories. The University has recently made an addition of 2,700 square feet for the Mechanical Engineering Department. The new Engineering building (\$475,000) under construction is expected to be finished in the near future.

b. Curriculum and Teaching Methods

The Bucknell team has begun preparation of detailed lesson plans, laboratory experiments, and text materials in the specialized courses for the fourth and fifth year students. The curriculum is now complete for both Electronics and Metallurgy. Assistance has also been given to the first three years in Mathematics, Physics, and Chemistry.

Emphasis on "rote memory" has given way to "problem solving" and interrelating the theoretical and the practical. Periodic quizzes, special study assignments, and written examinations have been introduced and accepted with enthusiasm.

c. Faculty Development

The first participant has just returned from the United States and taken up his teaching duties. Ten are still abroad. Three will be at Catholic University for the 1966 academic year. Seven will be at UCC for the 1967 academic year.

d. Applied Research

Two courses in computer applications have been offered to graduate engineers employed in industry. A digital computer (IBM 1620) has been provided. Applied-research contracts for the solution of specific problems of industry have been proposed.

ARGENTINA

Project No. 510-11-660-040

Began: FY 1962

Proposed Terminal Date: FY 1969

AGRICULTURAL ECONOMICS SERVICE

(AID - Texas A&M)

Project Objective and Description:

The purpose of this project is to establish within INTA, the National Agricultural Research and Extension Agency, an agricultural economics institute by FY 1968 which will train additional agricultural economists for service in other Argentine Government agencies as well as the private agricultural sector.

<u>Expenditures:</u>		<u>Expected Obligations for Project Completion:</u>
FY 1962 - FY 1965	\$146,000	N O N E
FY 1966	90,000	
FY 1967 (Est.)	274,000	
FY 1968 (Est.)	392,000	

Progress to Date:

Agricultural economics work is presently carried out by many Argentine Government agencies. The urgent need to improve the agricultural-economic skills in Argentina is recognized by the government. The lack of economic information is one of the most significant barriers to economic advancement and for this reason the desire to establish an Economic Center has developed.

The project agreement of USAID signed on May 31, 1963 provided the technical services of a contract team from Texas A&M University for a two-year period. Development of a high quality agricultural economics research and extension program has been progressing rapidly. In 1962, INTA had less than 10, partly trained, staff members working on agricultural economic problems in Argentina. During the last three years, this number has been quadrupled.

The first national comprehensive review and agricultural economic program planning meeting was held in May of 1965. Following the meeting, a full-time coordinator and a central staff of three were named to direct the national program. Contract representatives have devoted most of their time to training functions. Two semester-

length training programs were conducted for both graduate and undergraduate trainees. About 40 participated. The first group of participants to study agricultural economics began at Texas A&M in September 1965. The resident contract advisors will place future emphasis on the research and extension programs and on the development of structural arrangements of the Institute.

The Service has positions for 42 Agricultural economics technicians. Nineteen of INTA's Agricultural Experimental Stations have one or more economic technicians on their staff.

ARGENTINA

Project No. 510-11-660-033

Began: FY 1962

Proposed Terminal Date: FY 1968

GRADUATE ECONOMICS
(AID - University of Chicago)

Project Objective and Description:

The purpose of this activity is to develop in the National University of Cuyo (Mendoza), a center for advanced training and research in economics. Over a five-year period, a group of Argentine professors and students will be trained and will provide a pool of trained people with the ability necessary to formulate and implement better economic policies in Argentina.

<u>Expenditures:</u>		<u>Expected Obligations for Project Completion:</u>
FY 1962 - FY 1965	\$362,000	N O N E
FY 1966	142,000	
FY 1967 (Est.)	220,000	
FY 1968 (Est.)	23,000	

Progress to Date:

A project agreement was signed on December 12, 1961 which provided for a college contract from the United States. The first three professors from the University of Chicago arrived in August 1962. During the first six months, they presented eighteen lectures and five seminars, and developed the course content for the two-year instructional program at the economics center. Seventeen students entered the Center's Courses in each of the first two years. Twenty-seven are currently studying there, and a few professors from the Economics faculty are auditing the Courses. - Twelve students graduated from the Center in December 1964 and twelve in 1965.

The number to graduate under the present Chicago staff is expected to be about forty. The best students from the Center plus a few from other institutions are sent to the University of Chicago for training. Three students returned from Chicago in 1964 and six in 1965. An important feature of this program is the agreement of the University of Cuyo to create five new full-time professorships within the faculty of Economic Sciences and to fill these with participants trained at the University of Chicago.

In addition to the instructional program, research projects have been started by both the faculty and the students. Of the twelve studies started, at least five have been completed. As they are completed, the texts of these studies are made available to economists in other institutions and to government officials concerned with economic affairs.

Graduate training of Argentine faculty at the University of Chicago will include twenty-four participants.

ARGENTINA

Project No. 510-11-660-041

Began: FY 1963

Proposed Terminal Date: FY 1979

BALCARCE AGRICULTURAL COLLEGE
(AID - Michigan State University)

Project Objective and Description:

The purpose of this activity is to assist the National Agricultural Research and Extension Agency (INTEA) and the Catholic University of Mar Del Plata (UCMP) in the establishment of a college in Argentina where agricultural education, research, and extension activities are combined in one institution of the land-grant type. This will be the first such college in Argentina and will serve as a model for future agricultural colleges in the country.

Expenditures:

Expected Obligations
for Project Completion:

FY 1963 - FY 1965	\$ 10,000	\$79,000
FY 1966	104,000	
FY 1967 (Est.)	294,000	
FY 1968 (Est.)	363,000	

Progress to Date:

The Balcarce College (BAC) was established in April 1962. The College is designed to function eventually in a manner similar to that of a U.S. land-grant institution. A pre-contract survey was conducted by Michigan State University in October 1963. A team of four men from Michigan State University arrived in April 1965 after it was determined that about six years would be required to develop the institution. Permanent facilities will be constructed on 150 acres of land. An agreement has been approved between BAC and the University of La Plata permitting students to transfer credits between the two institutions, and provides for exchange of teachers and combination of short courses. The aim is to produce at least 2,000 additional professionally-trained agricultural technicians.

ARGENTINA

Project No. 510-15-690-060

Began: FY 1964

Proposed Terminal Date: FY 1970

GENERAL TRAINING

Project Objective and Description:

The purpose of this activity is to provide for a maximum amount of effective persons in fields in which the U.S. has a special interest and in which it does not have projects in order to make a contribution to the socio-economic development of Argentina.

Expenditures:

Expected Obligations
for Project Completion:

FY 1964 - FY 1965	\$ 33,000	\$240,000
FY 1966	45,000	
FY 1967 (Est.)	154,000	
FY 1968 (Est.)	155,000	

Progress to Date:

In the two-year period of the existence of this project, 51 participants have been programmed.

Areas of study include statistics, educational planning, administration, geology, mining, highway engineering, social studies, and youth leadership.

Argentina continues to show interest in this exchange of persons with the U.S. by its willingness to share the cost.

BOLIVIA

Project No. 511-11-460-485

Began: FY 1962

Proposed Terminal Date: FY 1969

HUMAN RESOURCES SURVEY

Project Objective and Description:

The purpose of this project, (formerly Human Resources Development, No. 511-11-690-439) is to conduct a research program leading to the formation of a long-term Human Resources Development Plan for Bolivia, and to assist the GOB in developing a competent planning mechanism within the Ministry of Planning.

<u>Expenditures:</u>	<u>Grant</u>	<u>Loan</u>	<u>Expected Obligations for Project Completion:</u>	
FY 1962 - FY 1965	\$ 16,000	--	\$432,000	\$8,900,000
FY 1966	106,000	--		
FY 1967 (Est.)	123,000	--		
FY 1968 (Est.)	218,000	--		

Progress to Date:

The two important achievements during the past year were: (1) the acceptance by GOB of human resources planning as a function in development planning, and (2) the establishment of an Inter-Ministerial Human Resource Commission.

BOLIVIA

Project No. 511-11-660-439

Began: FY 1966

Proposed Terminal Date: FY 1971

CURRICULUM REVISION AND TEXTBOOK PUBLICATION

Project Objective and Description:

The purpose of this project is to revise, improve, and modernize the basic skill subject matter of Bolivia's elementary curricula, and to initiate a textbook and teacher's guide publication project which will standardize instruction in the lower elementary grades in rural and urban schools.

Expenditures:

FY 1966	\$ 11,000
FY 1967 (Est.)	75,000
FY 1968 (Est.)	160,000

Expected Obligations
for Project Completion:

\$1,024,000

Progress to Date:

The curriculum revision and textbook publication project is new in FY 1967. The former textbook publication project was closed in FY 1966.

BOLIVIA

Project No. 511-11-660-487

Began: FY 1966

Proposed Terminal Date: FY 1969

TEACHER TRAINING

Project Objective and Description:

The purpose of this project is to develop in Bolivia's education personnel, an understanding of the needs for educational change and to train teachers and supervisors to apply modern instructional methods and techniques.

Expenditures:

FY 1966	\$ 2,000
FY 1967 (Est.)	99,000
FY 1968 (Est.)	116,000

Expected Obligations
for Project Completion:

\$151,000

Progress to Date:

During the period of June 20 to August 12, 1967, a series of in-service teacher training seminars were concluded in the seven departmental capitals of Bolivia. Their primary objective was to develop a working relationship with representative Bolivian educators.

BOLIVIA

Project No. 511-11-690-488

Began: FY 1966

Proposed Terminal Date: FY 1968

SCHOOL BUILDING SURVEY

Project Objective and Description:

The objective of this project is to assist the Ministries of Urban and Rural Education to survey school buildings and facilities in La Paz and determine suitable locations for future buildings.

Expenditures:

FY 1966	None
FY 1967 (Est.)	\$16,000
FY 1968 (Est.)	17,000

Expected Obligations
for Project Completion:

None

Progress to Date:

The USAID is presently negotiating with a faculty member of the University of Washington to visit La Paz for a short period to study the nature of problems, including the technical manpower that will be required to complete the project.

BOLIVIA

Project No. 511-11-610-489

Began: FY 1967

Proposed Terminal Date: FY 1968

VOCATIONAL EDUCATION SURVEY

Project Objective and Description:

The purpose of this project is to survey Bolivia's in-school and on-the-job vocational training programs which are supplying the major portion of Bolivia's labor force.

Expenditures:

FY 1967 (Est.) \$25,000
FY 1968 (No additional funds)

Expected Obligations
for Project Completion:

None

Progress to Date:

The USAID is now negotiating with several universities for a specialist to conduct the survey.

BOLIVIA

Project No. 511-13-690-490

Began: FY 1967

Proposed Terminal Date: FY 1971

SCHOOL FEEDING AND NUTRITION

Project Objective and Description:

The purpose of this project is to improve the diet of as many needy school children in primary and secondary grades as U.S. commodities and local resources permit.

<u>Expenditures:</u>		<u>Expected Obligations for Project Completion:</u>
FY 1967 (Est.)	\$55,000	\$219,000
FY 1968 (Est.)	70,000	

Progress to Date:

GOB school feeding in some form has been going on since 1954. GOB, to show its interest in this project, created the National School Feeding Services in March 1966. U.S. commodities are now being distributed to 5,000 school children participating in the project.

BOLIVIA

Project No. 511-11-660-505

Began: FY 1967

Proposed Terminal Date: FY 1971

UNIVERSITY SCHOLARSHIP

Project Objective and Description:

The purpose of this new project is to begin the developing, within selected Bolivian universities, a cadre of trained professionals around whom later programs for university reforms may be organized and developed.

Expenditures:

FY 1967 (Est.) . \$30,000
FY 1968 (Est.) . 40,000

Expected Obligations
for Project Completion:

\$74,000

Progress to Date:

Beginning in FY 1967, six participants shall be selected for two-year scholarship grants, leading to a M.A. or higher degree, in a U.S. or third country university.

BRAZIL

Project No. 512-11-110-094

Began: N/A

Proposed Terminal Date: N/A

AGRICULTURAL EDUCATION

(AID - Purdue Univ., Univ of Wisconsin,
Ohio State Univ., Univ of Arizona)

Project Objective and Description:

The purpose of this project is to: (1) Assist the Rural University of Minas Gerais to achieve institutional capacity; to improve the technical and professional competence of its professional staff; to provide leadership and technical guidance in the development of the State's total agricultural resources in accordance with the philosophy and practices developed in the U.S. land-grant system as adapted to the needs of Brazil. To increase the number of students from 1,000 to 2,500 by 1971 and to increase the number of master degrees to 125 by 1971. A contract team of professors from Purdue University is being provided to reach these objectives: (2) To assist the University of Rio Grande do Sul to meet the same general objectives as above except to increase the number of four-year graduates in the Agriculture and Veterinary College from 65 in 1963 to 150 by 1971 and to expand graduate work to grant 70 Master's (M.S.) Degrees per year by 1971. A contract team from the University of Wisconsin will assist in meeting these objectives. (3) To assist the University of Sao Paulo meet the same general objectives as in (1) above and by 1971, graduate at least 1,500 students per year, and increase from 100 post graduate students in FY 1966 to 150 by 1970. (4) To assist the University of Ceara strengthen and develop its college of Agriculture similar to the objectives in (1) above and more specifically establish the Departments of Animal Science, Soil Science, Crop Science, Agricultural Engineering, Agricultural Economics, Horticulture, Home Economics, and Extension Education so that by 1972, the College will be graduating 500 B.S. Degrees and 50 M.S. Degrees yearly. (5) To assist the Ministry of Agriculture in the improvement and expansion of its system of technical agricultural and home economics secondary schools throughout Brazil to increase the number of graduates in agriculture and home economics from 3,000 to 6,000 annually by 1970.

Expenditures:

Expected Obligations
for Project Completion:

Thru FY 1965	\$6,239,000	\$5,706,000
FY 1966	2,118,000	
FY 1967 (Est.)	2,438,000	
FY 1968 (Est.)	2,022,000	

Progress to Date:

1. University of Minas Gerais - Purdue University

The present contract with Purdue University has been in effect for the past eight years. The Home Economics Department has had assistance for the past fifteen years. This department has trained 212 students in graduate work (63 M.S. Degrees awarded).

Three thousand five hundred farmers and teachers have been given short courses. Undergraduate enrollment since 1958 has increased from 300 to more than 1,000. The freshman class in 1966 increased 25% over the 1965 class. Legislation has been brought about establishing the Land-Grant trilogy of teaching, research, and extension. Many Directors of Departments have been established. The University has been given control over the use of its budget. More than 30 full-time new staff members have been added to the faculty since January 1, 1965.

Many new facilities have been added, such as plant and soil laboratories, a seed laboratory, a research building for forestry and others. The graduate school has been reorganized and new standards established and many other accomplishments.

2. University of Rio Grande do Sul - University of Wisconsin

Nine professors from Wisconsin are currently at work in Porto Alegre and one in Rio de Janeiro. Twenty-three students have completed their first semester of graduate work at the University of Rio Grande do Sul. A special post-graduate course for fourteen veterinary students was completed in July of 1965. A state-wide coordinate program in research, extension, and training activities has been initiated. A long range program for the University's improvement has been developed and assistance requested. Many of the results from research projects have been put into use in local situations. Other forms of progress have been made also.

3. University of Sao Paulo - Ohio State University

Nine Ohio professors and one research assistant are on board. Two others are expected to arrive for the team. Forty-two research activities are in operation in seven major areas. Advanced students are working in these projects for experience. In the eighth area, Home Economics was started in September 1965. Enrollment has increased from 680 to more than 1,000. The number of students admitted has doubled. Results from the research projects are being used to improve crops and livestock. Short and long training tours for faculty and students have been carried out along with other progressive measures.

4. University of Ceara - University of Arizona

Arizona staff began to arrive in early 1964. Ten technicians are currently on board and three others are expected in early 1966. This college has no specialized departments at this time.

Student enrollment has increased from 333 in 1964 to 424 in 1965. The technicians are surveying the needs for specialists for this area of Brazil. This enrollment is to be increased to 1,100 by 1972.

Groundwork has been laid to develop departments in animal science, crops and soils. Work has begun on an experimental station. English language training is being given to prospective participants. This project is only in the early stages of development.

5. Secondary Agricultural Education

In 1965, twenty-nine thousand adults and young farmers received specialized training in the agricultural schools. Thirty teachers have received one year teacher training in 1965, bringing the total to 78 since the project began. Another 378 teachers received the one 8 weeks' training courses during 1964 and 1965.

Six farm shops and four home economic laboratories have been organized. The first vocational agriculture and home economic department in a rural public high school was started in May 1965.

USAID has given assistance in developing curricula and supplying teaching materials and aids and shop tools in 144 agricultural education schools. Teacher training for Agricultural Education started in the Rural University of Brazil in 1965.

The special one year teacher training program trained an additional 17 teachers in 1965. Nineteen national leaders in vocational agricultural education completed a participant training program in the U.S. in 1966.

BRAZIL

Project No. 512-11-640-037

Began: FY 1957 (Estimated) /1

Proposed Terminal Date: /1

ELEMENTARY AND BASIC EDUCATION

Project Objective and Description:

The purpose of this activity is to assist the Brazilian Ministry of Education in assessing the quality and effectiveness of elementary education and identifying the principal reasons for the inadequate flow of pupils through Brazil's elementary schools and to help develop specific plans and actions to better relate elementary education to secondary and vocational education. To increase the educational efficiency of the existing school system in terms of both quality and quantity and to assist in planning and implementing effective elementary education programs that can be used as models for other states and to train a corp of Brazilian planners for elementary education who will provide assistance to individual states on a continuing basis in techniques of planning, implementation, evaluation, and administration for elementary education.

Expenditures:

Expected Obligations
for Project Completion:

Thru FY 1965	\$ 890,000	\$1,487,000
FY 1966	979,000	
FY 1967 (Est.)	1,106,000	
FY 1968 (Est.)	1,017,000	

Progress to Date:

A project agreement was signed with the GOB in June 1964 to provide assistance in elementary education research and administration training. A direct-hire advisor has been provided to coordinate the elementary program.

From 1957 to 1964, 1,800 supervisors and other personnel for state departments of education were trained in Brazil and 149 elementary education participants were trained in year-long programs in the United States. Through Public Law 480, a grant agreement was signed June 15, 1965 to construct 1,556 classrooms by December 31, 1966 in the State of Para. Plans and specifications are complete and construction has begun. USAID's contribution will be 250 classrooms of the

total. Also, AID plans to help construct 280 classrooms in the State of Guanabara. To date, 53% or 150 classrooms have been completed.

Agreements have been signed for the establishment of 60 Regional Supervisory and Teacher Training Centers. Eighteen of the 60 Centers have been established and are in operation. A total of 2,174 individuals have completed training and 2,948 uncertified teachers are now in training with an additional 5,131 beginning training. To help train 1 million adults (14-30 years of age), a research and curriculum development team has revised two of the books to be used in the program. A workshop for the training of supervisors and administrators was held in February 1965. In the ten state northeast area, 181 educators have received or are receiving training in other Brazilian states, third countries, or the United States.

A contract has been signed with the Research Foundation of the State University of New York for the planning part of this project. The three major parts of this project are Educational Planning, Adult Training, and Curriculum Improvement.

1/ This information was not given in the Brazilian CAP for FY 1968 (part II).

BRAZIL

Project No. 512-11-610-042

Began: /1

Proposed Terminal Date: /1

SECONDARY AND INDUSTRIAL EDUCATION

Project Objective and Description:

The purpose of this project is to assist selected State Councils and State Secretaries of Education in planning and implementing secondary education programs and to train a Corp of Brazilian secondary education planners and key personnel. To assist Brazil establish, operate, and maintain four technical Area Training Centers; to assist the National Apprenticeship Service; to assist the Ministry of Education improve its industrial vocational training programs; to assist the Ministry of Education improve its national industrial apprenticeship training at Senai in the North-east; to assist the Ministry of Education improve, strengthen, and reform their programs of secondary school teacher training; and assist in the improvement of Commercial Education.

Expenditures:

Expected Obligations
for Project Completion:

Thru FY 1965	\$1,813,000	\$2,524,000
FY 1966	344,000	
FY 1967 (Est.)	839,000	
FY 1968 (Est.)	1,175,000	

Progress to Date:

This project has been broken down into five component parts. They are: (1) Secondary Education Planning, (2) National Industrial Vocational Training Development, (3) Improvement of Industrial Apprentice Training, (4) Improvement of Industrial Vocational and Apprentice Training, and (5) Professional Secondary Education.

A direct-hire secondary education advisor has been employed. Four education specialists have been supplied by the San Diego State College Foundation.

New shops have been constructed in the Vocational Training Program and over 1,050 students have been trained in the centers.

BRAZIL

Project No. 512-11-660-263

Began: N/A

Proposed Terminal Date: N/A

HIGHER EDUCATION

(AID - University of Houston
University of Michigan
Vanderbilt University)

Project Objective and Description:

The purpose of this activity is to meet objectives: (1) To assist the University of Sao Paulo in the establishment and development of a graduate program in economics; (2) To assist the Brazilian Institute of Economics of the Getulio Vargas Foundation develop a Brazilian institution capable of operating an economic education program at the graduate level; (3) To assist the development of economic education at the University of Ceara; (4) To assist the University of Brazil develop a national engineering center in order to meet Brazil's engineering needs; (5) To assist the GOB strengthen and develop the Institute of Aeronautical Technology; (6) To assist the Ministry of Education develop and expand the educational and training facilities in business administration in three Brazilian institutions of higher education, and (7) To assist Brazilian institutions of higher education develop and expand their facilities in public administration.

Expenditures:

Expected Obligations
for Project Completion:

Thru FY 1965	\$4,503,000	\$551,000
FY 1966	999,000	
FY 1967 (Est.)	1,450,000	
FY 1968 (Est.)	1,433,000	

Progress to Date: (Only the highlight of these activities will be shown).

Since 1960, some sixty students have been graduated in economics and forty-one of these have had further training in the U.S. The University of Sao Paulo now offers a master's degree in economics.

The University of Houston has assisted in setting up a post-graduate

program in Chemical Engineering at the University of Brazil. By 1968, all professors involved in the program will have had post-graduate training in American or European universities. The University of Michigan has assisted in the mechanical engineering part of the program at the Institute of Aeronautical Technology.

The Ministry of Education and Culture has agreed to coordinate the activities of the federal, state, and private universities as they relate to the project of University Administration improvement and reform.

The Ministry of Education has greatly expanded University Business Administration and Training. The Sao Paulo school has an enrollment of 800 which is to be enlarged to 2,000 by 1970. There are fifteen four-year business schools in Brazil.

CHILE

Project No. 513-11-690-148

Began: FY 1965

Proposed Terminal Date: FY 1969

TECHNICAL - VOCATIONAL TRAINING

Project Objective and Description:

The purpose of this project is to produce a manpower supply with the necessary education and training to meet the needs of economic and social development. U.S. assistance for this program will be supplied through FY 1969.

Expenditures:

Expected Obligations
for Project Completion:

FY 1965	\$ 8,000	\$126,000
FY 1966	39,000	
FY 1967 (Est.)	74,000	
FY 1968 (Est.)	136,000	

Progress to Date:

The manpower planner for the rural sector arrived in 1966. His work has concentrated on assisting the Agricultural Education and Training Commission to determine manpower needs and education improvement for modernization of the middle level vocational school system.

CHILE

Project No. 513-15-440-031

Began: FY 1958

Proposed Terminal Date: FY 1968

INDUSTRIAL TRAINING
(AID - University of Pittsburgh)

Project Objective and Description:

The purpose of this activity is to complete by the end of 1968 a four-year program of qualitative improvement and expansion of the graduate level programs in electrical, chemical and mechanical engineering at the Federico Santa Maria University in Valparaiso.

<u>Expenditures:</u>		<u>Expected Obligations for Project Completion:</u>
FY 1958 - FY 1965	\$762,000	\$60,000
FY 1966	85,000	
FY 1967 (Est.)	99,000	
FY 1968 (Est.)	115,000	

Progress to Date:

The graduate school of chemical engineering is operating successfully.

The graduate school of electrical engineering has been established. The first doctorate in engineering ever granted in Latin America is located at Santa Maria and 32 additional students are enrolled in doctorate programs. Curricula of the undergraduate schools have been revised to meet more exacting requirements for graduate work.

The graduate school of mechanical engineering is almost complete and student recruitment is under way.

CHILE

Project No. 513-11-690-172

Began: FY 1964

Proposed Terminal Date: FY 1969

TRAINING FOR DEVELOPMENT

Project Objective and Description:

The purpose of this activity is to provide graduate level training in the United States to Chilean University graduates in the fields of economics and related social sciences and to increase the fund of knowledge and objective information needed as a basis of achieving solutions to social and economic development problems by financing special studies and seminars.

<u>Expenditures:</u>		<u>Expected Obligations for Project Completion:</u>
FY 1964 - FY 1965	\$ 42,000	\$212,000
FY 1966	104,000	
FY 1967 (Est.)	182,000	
FY 1968 (Est.)	180,000	

Progress to Date:

During 1964 and 1965, twenty participants were sent to the United States for graduate study.

Seven have already completed their training and returned to Chile. To date, the Mission has contracted for nine studies from the University of Chile, five studies from the Catholic University of Chile, the Institute of Economics, and three studies from the Agrarian Reform Research and Training Institute.

In FY 1966, thirty participants are programmed for training in the United States.

COLOMBIA

Project No. 514-15-660-101

Began: FY 1962

Proposed Terminal Date: FY 1972

HIGHER EDUCATION

(AID - University of California)

Project Objective and Description:

The purpose of this project is a comprehensive and practical implementation plan for higher education in Colombia providing for orderly expansion. The plan is to be prepared on the basis of a study of higher education needs and facilities with assistance from the University of California under an AID funded contract.

Expenditures:

Expected Obligations
for Project Completion:

FY 1962 - FY 1965	\$102,000	\$181,000
FY 1966	27,000	
FY 1967 (Est.)	278,000	
FY 1968 (Est.)	198,000	

Progress to Date:

The Association of Colombian Universities has established and staffed a permanent Planning Division to carry out the study and follow-up action. A contract was signed with the University of California in 1965 and the scope and procedure for the plan has been agreed between the Association, University of California, and USAID.

COLOMIBA

Project No. 514-15-110-120

Began: FY 1966

Proposed Terminal Date: FY 1971

AGRICULTURE EDUCATION
(AID - University of Nebraska)

Project Objective and Description:

The purpose of this project is to increase and diversify agricultural production in Colombia. Specifically, it is designed to assist the National University of Colombia, The Colombian Agricultural Institute (ICA), and the Ministry of Agriculture to expand and upgrade the facilities of three agricultural colleges.

Expenditures:

FY 1966	\$	3,000
FY 1967 (Est.)		499,000
FY 1968 (Est.)		1,274,000

Expected Obligations
for Project Completion:

\$4,545,000

Progress to Date:

A contract has been signed with the University of Nebraska and the Chief of Party and one technician arrived in Bogota in August 1966. An additional veterinarian and an agronomist arrived in September 1966. Recruitment for other positions is proceeding.

COLOMBIA

Project No. 514-11-680-083

Began: FY 1964

Proposed Terminal Date: FY 1972

NATIONAL EDUCATION PLANNING

Project Objective and Description:

The purpose of this project is an over-all plan for a Colombian primary and secondary education system to meet the most critical needs of Colombia's social and economic development. USAID will provide three direct-hire technicians and up to twelve man-months of short-term consultant services.

Expenditures:

Expected Obligations
for Project Completion:

FY 1964 - FY 1965	\$220,000	\$297,000
FY 1966	22,000	
FY 1967 (Est.)	186,000	
FY 1968 (Est.)	129,000	

Progress to Date:

A request for a loan financing 12 million U.S. dollars has been submitted to the IERD which has indicated strong interest in supporting this program with loan funds for construction purposes. AID provided short-term planning consultants in FY 1966. UNESCO assisted projects are being initiated in industrial and agricultural education at the secondary school level.

COSTA RICA

Project No. 515-11-680-085

Began: FY 1965

Proposed Terminal Date: FY 1970

GENERAL ASSISTANCE TO EDUCATION

Project Objective and Description:

The objective of this project is to encourage and assist the Ministry of Education in carrying out a number of changes and reforms which will improve the quality and output of the Costa Rican educational system without a substantial increase in expenditures.

<u>Expenditures:</u>		<u>Expected Obligations for Project Completion:</u>
FY 1965	None	\$146,000
FY 1966	\$ 38,000	
FY 1967 (Est.)	119,000	
FY 1968 (Est.)	111,000	

Progress to Date:

U.S. technicians and Ministry officials, working together, have improved the three Normal Schools in methods of teaching, materials selection and production. A four-weeks workshop on languages, reading and communicative arts has been held for practice teachers. AID technicians have also provided 3,531 professional books obtained from the Regional Technical AID Center.

An N.E.A. Teach Corps Workshop for elementary teachers was successfully conducted in FY 68. Six NEA specialists provided the instruction for this activity.

COSTA RICA

Project No. 515-11-640-083

Began: FY 1965

Proposed Terminal Date: FY 1970

REGIONAL TEXTBOOK PROGRAM

Project Objective and Description:

The purpose of this activity is to develop and produce elementary textbooks for all public school children of Costa Rica by the end of FY 1967 and to assure a necessary annual replacement during FY 1967 and FY 1968 of textbooks previously published.

<u>Expenditures:</u>		<u>Expected Obligations for Project Completion:</u>
FY 1965	\$ 7,000	\$325,000
FY 1966	5,000	
FY 1967 (Est.)	132,000	
FY 1968 (Est.)	200,000	

Progress to Date:

A Regional Textbook Development Center was established in Guatemala City in FY 1963. The Center is supported by ROCAP which financed the production of all books through FY 1964 including one year replacement costs. In FY 1965, USAID/Costa Rica assumed the responsibility for the printing and publishing of textbooks for Costa Rica, but ROCAP will continue the development of the manuscripts. The Ministry of Costa Rica is budgeting funds for book replacements, program administration, and textbook storage and distribution.

By the end of FY 1966, more than 872,000 textbooks had been distributed in primary schools throughout the country. Teacher's guides also accompanied the textbooks.

DOMINICAN REPUBLIC

Project No. 517-11-690-071

Began: FY 1966

Proposed Terminal Date: FY 1972

VOCATIONAL AGRICULTURAL EDUCATION

Project Objective and Description:

The purpose of this project is to increase the capacity of existing agricultural education institutions to meet the demands for qualified agricultural technicians in the Dominican Republic.

Expenditures:

Expected Obligations
for Project Completion:

FY 1966	\$ 1,000	\$635,000
FY 1967 (Est.)	286,000	
FY 1968 (Est.)	228,000	

Progress to Date:

Four farm shop classroom buildings have been completed and two more are under construction for the Superior Institute's elementary agricultural education program. Also a science building and two dormitories are being constructed at this institution. Plans have been drawn for new facilities for the San Juan Bosco Agricultural School.

DOMINICAN REPUBLIC

Project No. 517-11-690-067

Began: FY 1966

Proposed Terminal Date: FY 1972

HIGHER EDUCATION

(AID - University of St. Louis
American Institutes for Research)

Project Objective and Description:

The purpose of this project is to support the major institutions of higher education in the Dominican Republic by improving university administration, developing better curricula and methods of teaching.

<u>Expenditures:</u>		<u>Expected Obligations for Project Completion:</u>
FY 1966	\$ 8,000	\$2,757,000
FY 1967 (Est.)	1,007,000	
FY 1968 (Est.)	843,000	

Progress to Date:

Specialists from St. Louis University began to assist the Universidad Catolica early in FY 67. Presently the team is making progress at this institution.

The American Institutes for Research made a feasibility study of the Universidad Autonoma de Santo Domingo and the Universidad Nacional Pedro Henriquez Urena at the beginning of FY 67 and some months later contracted with AID to provide technical assistance to these national universities. A program of general studies has been established at the autonomous university and other programs are underway.

DOMINICAN REPUBLIC

Project No. 517-11-690-067

Began: FY 1966

Proposed Terminal Date: FY 1975

EDUCATIONAL DEVELOPMENT SUPPORT

Project Objective and Description:

The purpose of this project is to assist the Ministry in developing a short range (1 to 4 years) and a long range (5 to 10 years) educational plan that will include goals, priorities, and strategies for development of education and human resources.

Expenditures:

Expected Obligations
for Project Completion:

FY 1966	\$ 8,000	\$800,000
FY 1967 (Est.)	172,000	
FY 1968 (Est.)	160,000	

Progress to Date:

Technical assistance to the Ministry of Education has been initiated but has suffered from a lack of Ministry continuity. Efforts are being made to overcome deficiencies in planning, budgeting, management and operations.

DOMINICAN REPUBLIC

Project No. 517-11-690-069

Began: FY 1963

Proposed Terminal Date: FY 1972

TEACHER EDUCATION

(AID - San Jose State College)

Project Objective and Description:

The purpose of this project is to substantially improve and enlarge the teacher education system in the Dominican Republic by reorganizing, expanding and upgrading the normal schools in their role of providing the necessary skilled teachers needed.

Expenditures:

Expected Obligations
for Project Completion:

FY 1963 - FY 1965	\$619,000	\$1,670,000
FY 1966	19,000	
FY 1967 (Est.)	519,000	
FY 1968 (Est.)	437,000	

Progress to Date:

Eight full-time and three part-time teacher education specialists are being recruited under a contract with San Jose State College to undertake, with the guidance of a direct-hire technician, a six-year program to accomplish the stated objectives.

DOMINICAN REPUBLIC

Project No. 517-11-690-071

Began: FY 1966

Proposed Terminal Date: FY 1970

CIVIC ACTION VOCATIONAL TRAINING

Project Objective and Description:

The purpose of this project is to provide vocational training for military personnel as they return to civilian life and to prepare them for more productive roles in the economy.

Expenditures:

FY 1966	\$ 2,000
FY 1967 (Est.)	69,000
FY 1968 (Est.)	60,000

Expected Obligations
for Project Completion:

\$90,000

Progress to Date:

This program is being provided at the Bani Vocational School. Sixteen buildings are being re-conditioned and equipment is on order.

DOMINICAN REPUBLIC

Project No. 517-15-490-029

Began: FY 1963

Proposed Terminal Date: FY 1972

LABOR ADMINISTRATION AND MANPOWER DEVELOPMENT

Project Objective and Description:

The purpose of this project is to make a manpower survey and evaluation as well as provide labor leadership education.

Expenditures:

FY 1966	\$146,000
FY 1967 (Est.)	558,000
FY 1968 (Est.)	427,000

Expected Obligations
for Project Completion:

\$1,00,000

Progress to Date:

The AIFLD program has been operating since 1963 and by the end of FY 1966 had provided labor leadership and union training to about 2,060 trade unionists.

ECUADOR

Project No. 518-15-660-054

Began: FY 1961

Proposed Terminal Date: FY 1975

ASSISTANCE TO UNIVERSITIES

(AID - University of Pittsburg,
St. Louis Univ., Univ. of Houston)

Project Objective and Description:

The purpose of this project is to substantially improve the quality and quantity of higher education in Ecuador in those manpower areas which will assist best the nation's ten-year Development Plan and promote campus stability, reduce the strength of extremist elements so that the technical and intellectual pursuits of the universities can be carried on efficiently and that the universities do not constitute a threat to a proper and orderly unfolding of the goals for national development. In order to carry out the objectives of this project, college contracts have been signed with the following universities and assigned to Ecuadorian institutions:

1. University of Pittsburg - Central University
2. St. Louis University - Catholic University of Quito
3. University of Houston - University of Guayaquil

*Expenditures:

Expected Obligations
for Project Completion:

FY 1961 - FY 1965	\$5,056,000	\$1,381,000
FY 1966	2,778,000	
FY 1967 (Est.)	1,990,000	
FY 1968 (Est.)	970,000	

* Includes expenditures for the Overlay and three sub-projects.

Progress to Date:

Due to the scope of the project, not all the accomplishments will be listed.

Central University

At Central University, a new psychology laboratory has been completed. The teaching staff has been increased from nine to twenty full-time professors teaching more than 2,000 students.

More than 3,500 volumes have been procured. A new system of fiscal management has been completed.

The GOE has increased its budget for Central University. A new faculty of basic studies has been established and an entirely new system of instruction in the basic sciences has been inaugurated. Seven new science laboratories have been put into operation. The first Central Student Record Office has been created along with the first Student Counseling Service. New teaching methods have been introduced and special short courses and seminars have been established, etc.

Catholic University of Quito

The Basic Sciences Institute has been organized and permanent laboratories in physics, biology, chemistry and psychology set up and equipped. General courses in the physical sciences have been introduced. The Language Institute has been established including a completely equipped laboratory for English, French, and German. A program for training English teachers has been started and American studies were introduced into the curriculum. Fifteen new teachers were added to the staff which now gives instruction to about 1,100 students. A new degree nursing program has been initiated and teaching equipment acquired. A two-year graduate program in the School of Social Service has been introduced and seminars for training social work supervisors were begun. 3,000 additional books were added to the Central Library and two more staff members hired. A Central Office of Records and Admissions was begun. A new building for nursing education was started, and teaching equipment ordered. Summer courses were initiated and about 8-10 participants were sent for training. For the first time in Ecuador, a university open-stack library was put into operation and over 1,300 volumes per month are in circulation.

University of Guayaquil

Negotiations for a loan to establish a Basic Science Institute were concluded. It is now complete and ready for occupancy. A trial operation of the Basic Science Institute was successful. A modern library was established in the School of Business Administration. Six participants have received Bachelor degrees in Chemical Engineering. A revised plan for chemical engineering has been prepared and a complete laboratory is now in full operation. The chemical engineering library has been expanded and is in full operation. A director and department head for the Basic Science Institute have been appointed. A building program has begun. Some classes have started. A language laboratory was installed in the Faculty of Mathematical and Physical Sciences.

Two management seminars in Economic and Business Administration have been held. A five-year Business Administration Program has been prepared and approved by the Faculty. Plans have been made to revise the accounting and budgetary system and create a new Finance and Planning Office. A graduate level training Program for full-time professors of the Faculty of Chemical Engineering has been initiated. Eleven participants have been sent abroad and have completed their training.

EL SALVADOR

Project No. 519-22-640-092

Began: FY 1964

Proposed Terminal Date: FY 1967

PRIMARY SCHOOL CONSTRUCTION

Project Objective and Description:

The purpose of this activity is to provide school facilities for about 136,000 children in rural areas, thus significantly increasing the number of youth receiving primary training--an essential requirement for rural social development.

<u>Expenditures:</u>	<u>Loan</u>	<u>Expected Obligations for Project Completion:</u>
FY 1965	\$ 300,000	\$1,100,000
FY 1966	1,864,000	
FY 1967 (Est.)	236,000	
FY 1968 (Est.)	2,000,000	

Progress to Date:

The loan for this activity was authorized June 12, 1963. The loan agreement was signed September 18, 1963. The project comprises primary schools varying in size from four to sixteen classrooms in rural areas throughout the country.

A total of 131 schools with 967 classrooms have been constructed. There are 84 schools with 519 classrooms either under construction or in the contracting phase.

EL SALVADOR

Project No. 519-11-680-071

Began: FY 1955

Proposed Terminal Date: FY 1970

EDUCATION PLANNING AND NORMAL SCHOOL DEVELOPMENT

Project Objective and Description:

The purpose of this project is to assist in the reorientation of public education below university level to increase emphasis on secondary education and teacher training as the key elements necessary to fill the manpower needs of the developing economy.

<u>Expenditures:</u>	<u>Expected Obligations for Project Completion:</u>
FY 1955 - FY 1965 \$2,475,000	\$480,000
FY 1966 506,000	
FY 1967 (Est.) 366,000	
FY 1968 (Est.) 173,000	

Progress to Date:

During the past year, GOES, USAID, and World Bank/UNESCO team analyses have clarified the course of action appropriate to the target.

The essential improvements are: efficiency of the primary system, changes in the primary normal school to adjust teacher production to needs, increased output of higher level secondary teachers, and to include technical training in secondary education.

A successful NEA Teach Corps Workshop for elementary and secondary teachers of science and mathematics was held the last of FY 66. Eighty local teachers received assistance and then arranged to teach other instructors during the school year.

EL SALVADOR

Project No. 519-11-690-062

Began: FY 1964

Proposed Terminal Date: FY 1968

HIGH LEVEL TRAINING

Project Objective and Description:

The purpose of this project is to provide post-graduate specialized training in fields essential to the economic and social development of El Salvador for potential leaders of agriculture, industry, public administration, public services, and other sectors of the economy.

<u>Expenditures:</u>		<u>Expected Obligations for Project Completion:</u>
FY 1964 - FY 1965	\$43,000	None
FY 1966	56,000	
FY 1967 (Est.)	40,000	
FY 1968 (Est.)	18,000	

Progress to Date:

This project was initiated in FY 1964 and through June 30, 1965, the USAID had provided scholarship training in the United States and Puerto Rico leading to the Master's Degree for 21 participants in the various fields. This project will be phased out during FY 1967.

GUATEMALA

Project No. 520-01-660-143

Began: FY 1963

Proposed Terminal Date: FY 1970

UNIVERSITY DEVELOPMENT

(Formerly San Carlos University Project)

Project Objective and Description:

The scope of this project, which originally was limited to improve the national university, the University of San Carlos, is being broadened in fiscal years 1967 and 1968 to include limited assistance to three private universities.

Expenditures:

Expected Obligations
for Project Completion:

FY 1963 - FY 1965	\$224,000	\$604,000
FY 1966	125,000	
FY 1967 (Est.)	314,000	
FY 1968 (Est.)	253,000	

Progress to Date:

The University of San Carlos has established a planning department to do overall planning for the University.

USAID has provided funds for initiation of basic study courses in the sciences at San Carlos University.

There is a renewed interest among the Minister of Education and the Rectors of the National University and the three private universities in improving the quality of secondary education.

GUATEMALA

Project No. 520-11-650-149

Began: FY 1964

Proposed Terminal Date: FY 1969

DEVELOPMENT OF EDUCATIONAL POLICIES,
PRIORITIES AND INSTITUTIONS

Project Objective and Description:

This activity has a two-fold objective of helping to develop a comprehensive educational plan for Guatemala and improving the institutional capacity of the GOG for carrying out educational programs.

It involves projects in Educational Planning, Teacher Training, Textbooks, Vocational Education, and School Construction.

<u>Expenditures:</u>		<u>Expected Obligations for Project Completion:</u>
FY 1964 - FY 1965	\$221,000	\$167,000
FY 1966	380,000	
FY 1967 (Est.)	286,000	
FY 1968 (Est.)	425,000	

Progress to Date:

Educational Planning

The Office of Integrated Educational Planning (OPIE) has been set up to compute and analyze the necessary manpower statistical data required for the elaboration of the national educational plan.

OPIE, with the aid of a Harvard University advisor has conducted a census of school population, determining classrooms and pupil attendance.

Teacher Training

The Texas Education Agency, USAID, and the Ministry of Education have reached a formal agreement on the details of a pilot program for the training of science teachers.

Textbooks

During the early part of 1966, the Ministry of Education distributed a total of 376,570 textbooks and teachers' guides throughout the primary school system. The 1966 distribution of texts brings the total of texts distributed in Guatemala under this program to 1,377,000.

Vocational Education

Classroom and shop equipment purchased by AID has arrived. The National Vocational Institute, which AID has built and equipped, now has an enrollment of 630 day and 882 evening students.

School Construction

As of June 30, 1966, a total of 3,410 classroom equivalents have been constructed under joint Ministry, community, AID school construction programs.

GUYANA

Project No. 504-11-490-021

Began: FY 1965

Proposed Terminal Date: FY 1971

LABOR - EDUCATION AND SOCIAL PROJECTS

Project Objective and Description:

The main objectives of the Workers Education program are to provide instruction in democratic trade union leadership, prepare teachers for trade union instruction, and to provide facilities for labor studies. Social projects include development of housing and community self-help programs.

Expenditures:

Expected Obligations
for Project Completion:

FY 1966	\$138,000
FY 1967 (Est.)	145,000
FY 1968 (Est.)	175,000

None

Progress to Date:

Seminars for laborers and union leaders are held and these include a variety of subjects appropriate for producing labor leadership.

HONDURAS

Project No. 522-11-640-054

Began: FY 1965

Proposed Terminal Date: FY 1968

EDUCATION IMPROVEMENT AND DEVELOPMENT

Project Objective and Description:

The purpose of this activity involves the improvement and development of priority areas identified in a National Education Plan, and includes assistance in curriculum reorganization, and the development and use of instructional materials.

Expenditures:

Expected Obligations
for Project Completion:

FY 1965	\$124,000
FY 1966	153,000
FY 1967 (Est.)	384,000
FY 1968 (Est.)	90,000

N O N E

Progress to Date:

Three staff members of the Minister's Planning Office were given three months of training in Chile. Program reforms in five normal schools have been initiated. Assistance to the secondary education sector was broadened to include the higher education program for the preparation of secondary school teachers, and two of the principal public secondary schools.

Activities included the development of libraries, use of instructional aids, science teaching, and educational guidance. Certain of these activities involved jointly planned programs with UNESCO, Ford Foundation, and the Peace Corp.

HONDURAS

Project No. 522-11-640-061

Began: FY 1965

Proposed Terminal Date: FY 1969

ELEMENTARY TEXTBOOKS

Project Objective and Description:

The purpose of this activity is to develop a series of textbooks in the fundamental elementary school subjects, and to have the GOH through its ministry of education continue a planned educational materials production program adequate to meet the needs of Honduras.

Expenditures:

Expected Obligations
for Project Completion:

FY 1965	\$ None	\$134,000
FY 1966	72,000	
FY 1967 (Est.)	160,000	
FY 1968 (Est.)	130,000	

Progress to Date:

More than twenty book titles have been developed and distributed to all public elementary schools in Honduras including teacher's guides.

A detailed work plan for 1963-69 has been developed and agreed upon for the development and distribution of all the books. About 150 teachers who will be used for demonstrating the use of the books and materials have been trained. The Educational Materials Center has been assigned the responsibility for coordinating the textbook program. The target is to develop and produce 33 textbooks.

The FY 66 NEA Teach Corps Workshops provided workable experience for in-service leaders and promoted skills in preparing inexpensive instructional materials.

HONDURAS

Project No. 522-11-690-089

Began: FY 1968

Proposed Terminal Date: FY 1970

PROJECT PLANNING AND COORDINATING EDUCATION

Project Objective and Description:

To provide technical personnel for planning and administration of education projects.

Expenditures:

FY 1968 (Est.) \$127,000
FY 1969 (Est.) 129,000

Expected Obligations
for Project Completion:

\$382,000

Progress to Date:

The project is to be initiated in FY 1968.

HONDURAS

Project No. 522-13-410-083

Began: FY 1955

Proposed Terminal Date: FY 1970

LABOR EDUCATION

Project Objective and Description:

The purpose of this project is to develop democratic labor union leadership and manpower concepts commensurate with the needs of a developing economy.

Expenditures:

FY 1966	\$ 4,000
FY 1967 (Est.)	30,000
FY 1968 (Est.)	16,000

Expected Obligations
for Project Completion:

None

Progress to Date:

Seminars in labor education have been carried on for a number of years.

JAMAICA

Project No. 532-11-990-028

Began: FY 1965

Proposed Terminal Date: FY 1970

HUMAN RESOURCES DEVELOPMENT - TEACHER TRAINING
(AID - San Diego State College Foundation)

Project Objective and Description:

To train educational leaders for a more productive and dynamic society. To conduct a teacher training program of large magnitude.

Expenditures:

Expected Obligations
for Project Completion:

FY 1966	\$ 38,000	None
FY 1967 (Est.)	200,000	
FY 1968 (Est.)	457,000	

Progress to Date:

A survey of teacher needs has been made; the physical facilities of one of the Teachers' Colleges have been enlarged; and a university technical assistance program for teacher educators has been initiated.

JAMAICA

Project No. 532-11-990-032

Began: FY 1965

Proposed Terminal Date: FY 1971

HUMAN RESOURCES DEVELOPMENT - EDUCATIONAL TV

Project Objective and Description:

The purpose of this project is to enable the GOJ to utilize mass media to raise the educational level of the school population. A further objective is to alleviate problems created by an acute shortage of teachers.

<u>Expenditures:</u>		<u>Expected Obligations for Project Completion:</u>
FY 1966	\$ 65,000	None
FY 1967 (Est.)	152,000	
FY 1968 (Est.)	105,000	

Progress to Date:

During the two years of operation of this program, some encouraging results have taken place in the educational system. An educational Broadcasting system consisting of radio and television serves the 12-15 age group with a large degree of success. Each lesson in Science I, II and III, and Geography I, II and III is broadcast three times daily.

NICARAGUA

Project No. 524-11-640-023

Began: FY 1955

Proposed Terminal Date: FY 1970

EDUCATIONAL PLANNING AND DEVELOPMENT

Project Objective and Description:

The purpose of this project is to provide assistance to the Ministry of Education and universities and other public and private agencies in expanding educational facilities in Nicaragua.

<u>Expenditures:</u>		<u>Expected Obligations for Project Completion:</u>
FY 1955 - FY 1965	\$1,398,000	\$601,000
FY 1966	254,000	
FY 1967 (Est.)	361,000	
FY 1968 (Est.)	222,000	

Progress to Date:

The National Planning Office has published a diagnosis of Nicaragua's education system at all levels. The National University has published a seven-year development plan.

The number of teachers employed to teach in elementary schools increased 33-1/3 percent from 1964-1966. Fifty science teachers have received training in local workshops in teaching of laboratory science. Since FY 1964, fifty-four secondary school teachers have been graduated from the School of Education, National University, and have been employed by the Ministry of Education.

In FY 1965 and FY 1966, secondary education expanded to include ten new centers, making it possible to enroll 25,500 students.

During FY 1964 and FY 1965, fifteen new libraries were established on a self-help basis.

NICARAGUA

Project No. 524-11-660-052

Began: FY 1964

Proposed Terminal Date: FY 1968

HIGHER LEVEL MANPOWER TRAINING

Project Objective and Description:

The purpose of this activity is to establish a regional scholarship program in order to provide scholarships to selected candidates from Central America and Panama for studies primarily in the U.S. or Puerto Rico, or regional centers designated under the plan for integration of Central America Higher Education in fields related to integration needs. The Regional Scholarship Program was divided into three phases: impact, interim and permanent. The activity is to continue until FIRME can be established in order to extend the scholarship period of the initial participants and provide additional new scholarships.

<u>Expenditures:</u>		<u>Expected Obligations for Project Completion:</u>
FY 1964 - FY 1965	\$ 95,000	\$68,000
FY 1966	80,000	
FY 1967 (Est.)	73,000	
FY 1968 (Est.)	100,000	

Progress to Date:

Twenty-four participants were sent to the United States in FY 1964, ten in 1965, and seventeen in FY 1966. Twenty of the participants have returned and eleven others are in training under extended programs. USAID has concentrated on training university professors who will become full-time professors upon their return.

NICARAGUA

Project No. 524-11-460-054

Began: FY 1964

Proposed Terminal Date: FY 1970

MANPOWER PLANNING AND DEVELOPMENT

Project Objective and Description:

The purpose of this project is to continue the development of the National Apprenticeship Institute for skills training and to promote labor leadership education.

Expenditures:

Expected Obligations
for Project Completion:

FY 1966	\$114,000	\$484,960
FY 1967 (Est.)	286,000	
FY 1968 (Est.)	286,000	

Progress to Date:

Labor leadership education has contributed to the growing needs of the labor force. Enrollment in the Apprentice Training Program is increasing. A survey of manpower is underway.

PANAMA

Project No. 525-15-990-061

Began: FY 1962

Proposed Terminal Date: FY 1971

MANPOWER TRAINING

Project Objective and Description:

The purpose of this project is to provide participant training in key fields of activity where critical manpower shortages exist and to support the socio-economic development of Panama.

<u>Expenditures:</u>		<u>Expected Obligations for Project Completion:</u>
FY 1966	\$72,000	None
FY 1967 (Est.)	55,000	
FY 1968 (Est.)	74,000	

Progress to Date:

Sixty-eight persons received high-level training through this program during the past year. A follow-up program for all persons who have been participants has gone into effect for FY 1968 and should bring desirable results.

PANAMA

Project No. 525-13-660-109

Began: FY 1967

Proposed Terminal Date: FY 1970

EDUCATION DEVELOPMENT - PRIVATE HIGHER EDUCATION

Project Objective and Description:

The objective of this project is to make technical assistance available to the new private university - University of Santa Maria La Antigua - for the purpose of developing a comprehensive university plan and an advanced curriculum that will contribute to national development.

Expenditures:

FY 1967 (Est.) \$100,000
FY 1968 (Est.) 200,000

Expected Obligations
for Project Completion:

None

Progress to Date:

The University of Santa Maria La Antigua opened in 1965 and provides faculties of natural science, philosophy, literature, and education, and social science and business administration. Private groups provided 90 percent of the operating expenses for the first year. The University has 25 acres of land on which to build.

PANAMA

Project No. 525-11-680-110

Began: FY 1967

Proposed Terminal Date: FY 1971

ELEMENTARY AND SECONDARY EDUCATION DEVELOPMENT

Project Objective and Description:

The purpose of this project is to provide a team of Education Specialists to assist the Ministry of Education in developing an educational plan, improving administrative and supervisory functions, and developing a strategy of skilled manpower training.

Expenditures:

FY 1968 (Est.) \$164,000

Expected Obligations
for Project Completion:

None

Progress to Date:

Technical assistance is being provided key educational officers in the Ministry of Education through USAID technicians. Negotiation is underway to select a university via contract which will implement the total project.

PARAGUAY

Project No. 526-11-660-079

Began: FY 1965

Proposed Terminal Date: FY 1970

ORGANIZATION AND ADMINISTRATION OF HIGHER EDUCATION

(AID - State University of New York at Buffalo)

Project Objective and Description:

The purpose of this activity is to assist the National University produce more professionally trained graduates by carrying out a comprehensive program of administrative and academic reorganization and physical plant expansion.

Expenditures:

Expected Obligations
for Project Completion:

FY 1965	\$177,000
FY 1966	30,000
FY 1967 (Est.)	93,000
FY 1968 (Est.)	116,000

\$321,000

Progress to Date:

This project was formerly a part of National University Project No. 526-11-660-053. Since 1965, the National University Project has received financial and technical assistance from OAS, UNESCO, and AID. In May 1965, a survey team from the University of Buffalo (SUNYAB) came to Asuncion to make a feasibility study for a School of General Studies Project. In March 1966, USAID and the National University entered into an agreement for AID assistance to the Administration and Organization of Higher Education. Technical assistance is being supplied by five contract technicians from SUNYAB.

PARAGUAY

Project No. 526-11-110-080

Began: FY 1964

Proposed Terminal Date: FY 1971

FACULTY OF AGRONOMY AND VETERINARY MEDICINE
(AID - New Mexico State University)

Project Objective and Description:

The purpose of this project is to help the National University's Faculty of Agronomy and Veterinary Science to establish by 1971 a research and teaching institution capable of providing the necessary well-trained agricultural manpower at the university level.

<u>Expenditures:</u>		<u>Expected Obligations for Project Completion:</u>
FY 1964 - FY 1965	\$326,000	\$90,000
FY 1966	125,000	
FY 1967 (Est.)	233,000	
FY 1968 (Est.)	221,000	

Progress to Date:

This project was formerly included in the National University Project No. 526-11-660-053. Progress includes Administrative Improvements, Development and Training of Staff, Curriculum Improvement, Improvement of Teaching and Laboratory Facilities, Research, and Cooperation of the Faculty with other Agencies of the Paraguayan Government. It is a six-year technical assistance program utilizing New Mexico State University.

PARAGUAY
Project No. 526-11-540-081
Began: FY 1962
Proposed Terminal Date: FY 1968

SCHOOL OF MEDICAL AND NURSING EDUCATION
(AID - State University of New York at Buffalo)

Project Objective and Description:

This project, which has involved a ten-year program of assistance in Medical and Nursing Education is scheduled to terminate on June 30, 1967. Working progress will be completed and a professional evaluation made of the improvements which have taken place during the ten years.

<u>Expenditures:</u>		<u>Expected Obligations for Project Completion:</u>
FY 1962 - FY 1965	\$425,000	None
FY 1966	202,000	
FY 1967 (Est.)	406,000	
FY 1968 (Est.)	66,000	

Progress to Date:

Improvements are noted in the School of Medicine, Library, Student Selection, Faculty, Internship, Basic Science, Building, Curriculum Improvement, Research Effort and Participant Training. Thirty-one participants have been sent to the U.S. or third country.

The School of Nursing has benefited in Library, Organization, Student Selection, Faculty, Internship, Curriculum, and Participant Training. (Eighteen participants have been trained during the program.)

PARAGUAY

Project No. 526-11-690-045

Began: FY 1962

Proposed Terminal Date: FY 1968

RURAL EDUCATION DEVELOPMENT

Project Objective and Description:

The purpose of this activity is the successful termination of the Rural Education Development Project, ensuring efficient use of the funds in the REDP joint account and of commodities on hand, pending delivery, or on order.

Expenditures:

Expected Obligations
for Project Completion:

FY 1962 - FY 1965	\$2,325,000	N O N E
FY 1966	373,000	
FY 1967 (Est.)	206,000	
FY 1968 (Est.)	55,000	

Progress to Date:

This project is being closed out with termination agreement to be effective December 31, 1965. Planned objectives, however, will be carried out and total programs will cease by FY 1967.

To date, 249 classrooms have been built and 83 have been repaired and renovated. Fifty-nine schools have been constructed and about 300 pieces of furniture built. Sixty-one participants have been sent to the United States for training and seventeen sent to third countries. About 517 teachers have been given in-country training and another 2,060 have engaged in short courses and seminars. In-service training has reached 913 and agro-industrial has been provided for thirteen. Forty-one manuscripts have been written and 230,000 books, pamphlets, and courses of study (29 titles) have been printed. About 145,000 books, 153 film and film strips, and 3,000 charts, maps, etc., have been purchased. Twenty-two libraries and twenty-two librarians have been established.

PERU

Project No. 527-11-690-067

Began: FY 1962

Proposed Terminal Date: FY 1971

PUBLIC EDUCATION
(AID - TCCU)

Project Objective and Description:

The Vocational Training Project (formerly 527-11-610-056) has been consolidated with the former Basic Education Reform and Development Project which has been renamed Manpower and Education Development.

This activity now encompasses all aspects of the AID education program in Peru. The purpose of this activity is to strengthen the national system of public education, improve and expand the Vocational Training Program of the Peruvian Army (placed in another project June 1966), strengthen the role and participation of the private sector in the educational effort through the encouragement and support of a private Peruvian Foundation that provides educational scholarships, and to strengthen the facilities and curricula of Peruvian universities, principally through providing opportunities for selected graduate students and faculty members to advance their education both in Peru and abroad. In order to carry out these activities, it is proposed to supply the Peruvian Government with substantial loans.

<u>Expenditures:</u>			<u>Expected Obligations for Project Completion:</u>	
	<u>Grant</u>	<u>Loan</u>	<u>Grant</u>	<u>Loan</u>
FY 1962 - FY 1965	\$682,000	--	\$1,234,000	\$6,000,000
FY 1966	609,000	--		
FY 1967 (Est.)	557,000	--		
FY 1968 (Est.)	401,000	\$4,000,000		

Progress to Date:

In the reorganization of the Ministry of Education, eight educational administrative regions were established, and regional offices have been staffed. A six-week workshop in Supervision and Administration was held for eighty supervisors. The curriculum for all normal schools have been revised and extended from 3 to 4 years beginning in 1965. A plan to create a system of five

regional junior college level technical institutes has been approved. A research and planning program has been devised. At least six reports have been completed evaluating the present system and determining manpower needs through 1980. A training center for teachers and supervisors of Nucleo schools has been established and training began in January 1965. The four rural school districts have been reorganized and six new districts have been established along with a national policy for their functions. A new experimental biology course has been written.

The chief USAID contribution to this project with the help of TCCU Advisors has been assisting the Peruvian Ministry of Education.

PERU

Project No. 527-11-770-130

Began: FY 1967

Proposed Terminal Date: FY 1969

GRADUATE SCHOOL OF BUSINESS ADMINISTRATION
(AID - Stanford University)

Project Objective and Description:

This project was separated from Project No. 527-11-290-058, "Private Enterprise Development" in July 1966. Its purpose is to establish a Graduate School of Business Administration which by 1968 will be largely staffed by Peruvians and will provide graduate education for 75 or more full-time students per year.

Expenditures:

FY 1967 (Est.)	\$397,000
FY 1968 (Est.)	209,000

Expected Obligations
for Project Completion:

\$23,000

Progress to Date:

At the end of FY 1966, four Stanford trained Peruvian faculty and one associate Dean were teaching full-time. Three additional Peruvian faculty are in doctoral programs in the United States. The Ford Foundation has been cooperating with Stanford University.

VENEZUELA

Project No. 529-11-690-013

Began: FY 1962

Proposed Terminal Date: FY 1969

NATIONAL MANPOWER TRAINING AND DEVELOPMENT

Project Objective and Description:

The purpose of this activity is to be effective and have some constructive and continuing influence on the restructuring of the National Education System. Using USAID principles as guide lines, the following have been adopted for action: Strengthen the capability of EDUPLAN and secure its position as the National Planning Agency for Education; Limit training to key personnel; Build a strong working relationship between the Ministry of Education and a United States University; Provide the Ministry with capable short-term consultants to help with restructuring plans; Develop local capability for the organization and implementation of extension training programs for teachers and supervisors.

<u>Expenditures:</u>		<u>Expected Obligations for Project Completion:</u>
FY 1962 - FY 1964	\$1,530,000	\$984,000
FY 1965	149,000)	
FY 1966	965,000) - <u>/1</u>	
FY 1967 (Est.)	698,000)	

/1 Specific educational expenditures are not separated from the total Manpower budget in the FY 1968 CAP.

Progress to Date:

Through a variety of surveys, the National Education Planning Agency has been established in the Ministry of Education. The agency has grown from two men to a full staff of eight professional planners. USAID channels all of its contacts and services through this organization.

All members have received training in some activity conducted under USAID. A noticeable change has taken place by teachers and students asking for information about the principles and techniques applicable to a counseling and guidance program. Two participants have been trained in a guidance program. More than 100 people have been given training in this area. A U.S. professor has taught a course for nine months in counseling techniques. A National Guidance Service Central Office has been established and staffed.

Forty-five secondary education teachers, supervisors, and directors were given ten months of training in the United States in the techniques of planning and organization of comprehensive high schools. Thirty of the group have been given positions of education in the government. The first national workshop on "Methods and Techniques for Education Supervision" was held in November for 130 supervisors. Recommendations for reform of the national education law were developed at this Conference. Twenty-one NEA "Teacher Corp" educators have conducted six-week summer workshops for about 375 teachers and supervisors. Curriculum guides and basic criteria for reorganizing the junior high school level of instruction has been completed and ten schools have been reorganized.

Three U.S. specialists have helped in making an overall survey and prepared a National plan for training vocational personnel. Two summer schools have been held for 250 teachers. A teacher training center has been established at the University of Oriente. During the past two years, forty-five vocational teachers and supervisors have been given 10 months of specialized training at the University of Wisconsin. Training in distributive education has begun with the establishment of a national supervisor of distributive education.

An additional target of this project is to provide consultants on short-term basis in planning, organizing, and writing textbooks, to be furnished free of charge to all children attending tuition-free schools.

LA/ROCAP

Project No. 596-11-660-012

Began: FY 1963

Proposed Terminal Date: FY 1970

DEVELOPMENT OF INSTITUTIONS OF HIGHER EDUCATION
(AID - Oklahoma State Univ., North Carolina Univ.,
Univ. of Kansas, National Science Foundation)

Project Objective and Description:

The purpose of this project is to develop an integrated university system capable of producing professionals and technicians in numbers sufficient to support dynamic socio-economic progress in Central America.

<u>Expenditures:</u>		<u>Expected Obligations for Project Completion:</u>
FY 1963 - FY 1965	\$206,000	\$1,837,000 -
FY 1966	699,000	
FY 1967 (Est.)	944,000	
FY 1968 (Est.)	856,000	

Progress to Date:

In June 1961, the national universities of Central America entered into an agreement to encourage integration through the interchange of professors, researchers, undergraduates and graduate students and administrative personnel on a regional basis.

Since 1962, ROCAP has been providing assistance to the universities through CSUCA. Assistance was provided for: (1) improvement in the general studies area with an agreement with the National Science Foundation; (2) completion of a regional Human Resources study; (3) improvement in physical resources planning to meet the increased demands of enrollment; (4) improvement of library resources; (5) educational research for the improvement of education and the support of regional schools and institutions, and (6) selected faculty members to study abroad.

The Oklahoma State university team has worked with the Regional School of Veterinary Medicine. The University of North Carolina has furnished advisors to the Regional School of Sanitary Engineering. The University of Kansas contract is to strengthen Social Studies and Humanities. UNESCO, The Rockefeller Foundation, The Ford Foundation, and the Inter-American Development Bank have all contributed to the project.

IA/ROCAP

Project No. 596-11-640-006

Began: FY 1963

Proposed Terminal Date: FY 1970

TEXTBOOK DEVELOPMENT

Project Objective and Description:

The purpose of this activity is to increase the quality of instruction; to reduce the incidence of failures; to increase the holding power of the schools, and to improve the general cultural level of the millions of persons whose low income and limited resources tend to deny them equality of educational opportunity. Enough textbooks will be written to provide every child, approximately 1,545,000, in the public elementary school subjects. It proposes also to train local talent in the production of textbooks.

<u>Expenditures:</u>		<u>Expected Obligations for Project Completion:</u>
FY 1963 - FY 1965	\$934,000	\$1,175,000
FY 1966	549,000	
FY 1967 (Est.)	704,000	
FY 1968 (Est.)	486,000	

Progress to Date:

The textbook center has been moved from Guatemala to San Salvador for better administration. Approximately 195 supervisors, principals, and teachers have been trained or oriented at the center. Eight textbooks have been completed or are in various stages of completion during this period. Nine additional elementary textbooks are scheduled for FY 1967 and seven others for FY 1968.