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Outlines of the health, population, and nutrition activities undertaken during the fiscal years 1973 and 1974. Included are amounts of money obligated or committed for projects and to the extent possible, the progress made in achieving project goals during the reporting years. Funding data for and analysis of activities during both fiscal years, as well as fiscal data on dollar grants and loans, also are covered. Information on the professional and administrative personnel engaged in these projects is limited to those on duty between June 30, 1973 and June 30, 1974.

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**Report on the**  
**HEALTH, POPULATION AND NUTRITION**  
**ACTIVITIES**

**of the**

**AGENCY FOR INTERNATIONAL DEVELOPMENT**  
**DEPARTMENT OF STATE**

**for**

**FISCAL YEARS 1973 AND 1974**

Report prepared at the request of the

Agency for International Development

by the

Department of Health, Education, and Welfare

Office of International Health

July 1975

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## FOREWORD

This report provides information about the health, population, and nutrition activities that were undertaken by the Agency for International Development (A.I.D.) during the fiscal years 1973 and 1974. It includes amounts of money obligated or committed for projects, and, to the extent possible, the progress made in achieving project goals during the reporting years.

Previous reports in this series were prepared annually. With data more readily available for reporting funding obligations for Fiscal Year 1974, it was determined that the FY 1973 and FY 1974 reports would be published as a single report. Funding data and analysis are included for activities in each of the fiscal years being reported.

The information contained in this report was obtained from a variety of sources within AID. The AID Program Presentations to Congress for the proposed FY 1973 and FY 1974 Programs were the source from which statements of policy and program plans were obtained. Field Budget submissions were used to help identify the on-going health, population and nutrition projects in AID-supported countries. Information about project implementation and progress was obtained from reports from USAID Missions, Regional bureaus, contractors and participating agencies. The Population Program Assistance Report, Fiscal Year 1973, was the major source of information and data on population programs. Data on amounts of funds obligated in FY 1973 and 1974 reports from the Office of Financial Management on Technical Assistance Projects and Activities, Capital Assistance Projects, and Status of Loan Agreements.

The designated identification numbers of health, population, and nutrition projects in the AID program are the 500-590 series. If an active project was identified as one in this series, it is described in detail. This is done regardless of whether or not FY 1973 or FY 1974 funds were committed for funding requirements. Generally, projects reported by A.I.D. in other than the 500-590 series are not included in the report unless administrative support projects in the 999 series are identified as support for health personnel.

Although the A.I.D. Food for Peace Program assists in combatting malnutrition, information about this activity is not included in the report. This program is funded primarily with local currencies and dollar costs to A.I.D. are not assigned to projects in the 500-590 series.

In all sections of the report, projects are identified as either health, population, or nutrition. In the country summaries, however, the generic term "health" is used for all three categories.

The report includes fiscal data on both dollar grants and loans. It does not include data on local currency obligations. The data on funds

includes total FY 1973 and FY 1974 obligations of A.I.D. for country, regional, and non-regional projects in health, population, nutrition, and for support of American Schools and Hospitals Abroad but does not include the administrative and program funds that were obligated for U.S.-based AID/W program support staff or for PHS technical consultation and support staff.

Information on the professional and administrative personnel engaged in the health, population, and nutrition activities of A.I.D. is limited to those who were on duty as of June 30, 1973 and June 30, 1974. It includes the names, positions, and locations of A.I.D. direct hire employees and those provided by other government agencies under Participating Agency Service Agreements (PASAs) and under Technical Consultation and Support Agreements. Similar information about personnel provided under contract could not be obtained but the names of the contractors are given as part of the project report whenever available.

This Report was prepared by the Office of International Health under provisions of the Resources Support Service Agreement with the Office of Health, Bureau for Technical Assistance, Agency for International Development.

## Health, Population, and Nutrition Summary

### Worldwide

#### Program Plans FY 1973

During FY 1972 A.I.D. undertook an extensive review of its program. For FY 1973 the Administrator announced a series of major reforms in program direction and priorities. These included: (1) focusing A.I.D. resources on a limited group of development problems; (2) undertaking improved programs of humanitarian assistance; and (3) giving increased attention to the broader distribution of the benefits of development.

In accomplishing these goals, A.I.D. announced it would streamline its administration with more centralized management through gradual reductions in personnel overseas and in Washington. A more collaborative assistance style was planned which would recognize the increasing competence of LDCs to plan and operate meaningful development programs.

"The primary objective of A.I.D.," as stated in the FY 1973 Program Presentation to Congress, "must be to help the people and governments of the LDCs move in the direction of harnessing their total resources for the improvement of the 'quality of life' for all of their people."

#### Programs Plans FY 1974

Recognizing the major changes that had taken place in the developing nations during the 1960's, the FY 1974 A.I.D. program reflected the realistic new directions in its programs as initiated in FY 1973. The concentration of effort on the three key sectors of food and nutrition, population planning and health, and human resource development was evident with 59% of the proposed FY 1974 A.I.D. assistance program concentrated in these sectors. Reductions in the number of technical assistance and capital projects continued with proposed sector loans focusing on key problem areas.

A more collaborative style of assistance was planned with the host countries assuming more responsibility both in planning and implementing assistance efforts. A.I.D. planned to increase its support for sector analysis and planning to help the developing countries increase and build their capacity for economic analysis of major development problems.

Support for projects designed to reach the greatest possible number of the rural poor was a significant objective of A.I.D.'s FY 1974 program. Increased attention was to be focused on problems of income distribution and unemployment. A.I.D. planned to stimulate the participation of U.S. private organizations in these efforts.

In attempting to reduce its U.S. presence overseas, A.I.D. planned by June 30, 1974 to reduce its staff by 1,800 personnel - an overall reduction of 44% since FY 1968.

### Program Implementation

The organization of A.I.D. remained the same in FY 1973 reflecting the changes made in FY 1972. The focal point for population and disaster relief remained with the Bureau of Population and Humanitarian Affairs. Population programs described in this report are administered through the Office of Population in this Bureau. Health and nutrition activities, non-regional in character, continue to be administered through the Office of Health and the Office of Nutrition within the Bureau for Technical Assistance. Responsibility for health and nutrition regional and country projects rests with the Regional Bureaus.

The FY 1973 appropriation administered by A.I.D. totalled \$1,976,546,000. of which \$211,795,000 was for health, population and nutrition activities. In FY 1974 the total was \$865,830,000 of which \$219,553,000 was for health, population, and nutrition activities.

Total funds obligated in FY 1973 and FY 1974 for A.I.D. program activities and the amounts and percentages for health, population and nutrition by region or other allocation are shown in Table 1, page 6.

Funding for health programs increased from \$41.8 million in FY 1972 to \$83.2 million in FY 1973 and to \$103.965 million in FY 1974. This increase can be attributed to A.I.D.'s redirection toward programs planned in accordance with its mandate from Congress. See Table 3 on page 9.

Population program support remained fairly constant at \$126.905 million in FY 1973 and \$123.023 million in FY 1974. A.I.D.'s contribution to the U.N. Fund for Population was \$9.0 million in FY 1973 and \$18.0 million in FY 1974. See Table 2, page 7.

Increased funding for nutrition programs was reflected in the FY 1974 total of \$4.885 million compared with \$1.667 million in FY 1973. See Table 2, page 7.

The distribution of projects by activity and allocation follows.

FY 1973

Allocation	Total	Health	Population	Nutrition
Total	231	55	155	21
Africa	33	8	24	1
Asia	25	6	18	1
Latin America	26	8	17	1
Supporting Assistance	13	8	4	1
Non-Regional	134	25	92	17

FY 1974

Total	250	64	156	30
Africa	37	12	24	1
Asia	30	12	17	1
Latin America	28	8	17	3
Supporting Assistance	12	8	3	1
Non-Regional	143	24	95	24

The total number of active health projects by type of activity and region requiring FY 1973 and FY 1974 funding follows on the next page.

**Total number of health projects by type of activity and region requiring  
FY 1973 and FY 1974 funding.**

Region	Total		Environmental Health		Health Manpower Develop.		Disease Control		Health Planning		Delivery of health Services		Health Administration and Management	
	73	74	73	74	73	74	73	74	73	74	73	74	73	74
<b>Total</b>	<b>51</b>	<b>49</b>	<b>17</b>	<b>9</b>	<b>4</b>	<b>7</b>	<b>11</b>	<b>7</b>	<b>3</b>	<b>9</b>	<b>15</b>	<b>11</b>	<b>2</b>	<b>6</b>
<b>Africa</b>	<b>8</b>	<b>8</b>	<b>4</b>	<b>-</b>	<b>1</b>	<b>2</b>	<b>2*</b>	<b>1</b>	<b>-</b>	<b>-</b>	<b>1</b>	<b>4</b>	<b>-</b>	<b>1</b>
<b>Asia</b>	<b>6</b>	<b>12</b>	<b>2</b>	<b>5</b>	<b>-</b>	<b>-</b>	<b>3</b>	<b>3</b>	<b>-</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>2</b>
<b>Latin America</b>	<b>15</b>	<b>8</b>	<b>6</b>	<b>2</b>	<b>-</b>	<b>-</b>	<b>2</b>	<b>-</b>	<b>1</b>	<b>3</b>	<b>6</b>	<b>2</b>	<b>-</b>	<b>1</b>
<b>Supporting Assistance</b>	<b>8</b>	<b>4</b>	<b>-</b>	<b>-</b>	<b>1</b>	<b>1</b>	<b>-</b>	<b>-</b>	<b>1</b>	<b>-</b>	<b>6</b>	<b>2</b>	<b>-</b>	<b>1</b>
<b>Non-Regional</b>	<b>14</b>	<b>17</b>	<b>5</b>	<b>2</b>	<b>2</b>	<b>4</b>	<b>4</b>	<b>3</b>	<b>1</b>	<b>5</b>	<b>4</b>	<b>2</b>	<b>1</b>	<b>1</b>

\*CWA Regional Project - Strengthening Health Delivery Systems - Funds in 73 for Measles Vaccine only.

Table 1

Funds obligated for A.I.D. programs and amount and percentage for health, population and nutrition projects by country or other allocation, Worldwide, FY 1973 and FY 1974.

FY 1973

Allocation	Total	Health Population & Nutrition	Percentage for Health, Population & Nutrition
	(thousands of dollars)		
<b>Total</b>	976,546	211,795	21.6
Africa	162,143	20,572	13.0
Asia	151,259	23,726	15.6
Latin America	315,633	48,615	15.4
Supporting Assistance	236,208	26,976	11.4
American Schools & Hospitals Abroad	25,928	14,065	55.0
Non-Regional	85,375	77,841	91.1

FY 1974

<b>Total</b>	865,830	231,853	26.7
Africa	141,132	12,203	9.0
Asia	151,844	60,874	40.0
Latin America	232,087	34,846	15.0
Supporting Assistance	206,513	16,523	8.0
American Schools & Hospitals Abroad	18,800	9,449	51.0
Non-Regional	115,454	97,958	84.8

Table 2

Funds obligated for health, population, and nutrition projects by region or other allocation, Worldwide, FY 1973 and FY 1974.

Allocation	Total		Health		Population		Nutrition	
	1973	1974	1973	1974	1973	1974	1973	1974
Total	211,795	231,873	83,223	103,965	126,905	123,003	1,667	4,885
Africa	20,572	12,203	7,548	5,524	12,875	6,332	149	347
Asia	23,726	60,874	1,648	45,632	22,008	14,947	70	295
Latin America	48,615	34,846	35,307	26,117	13,207	18,571	101	158
Supporting Assistance American Schools and Hospitals	26,976	16,523	23,560	14,204	3,391	2,299	25	20
Abroad	14,065	9,449	14,065	9,449	-	-	-	-
Non-Regional	77,841	97,958	1,095	3,039	75,424	90,854	1,322	4,065

Table 3

Funds obligated for health projects by type of activity and region or other allocation, Worldwide, FY 1973 and FY 1974 (\$1,000's).

FY 1973

Allocations	Total	Delivery of Health Services	Health Planning and Analysis	Environmental Sanitation	Specific Disease Control	Health Administration and Management	Other
Total	83,223	45,214	443	3,349	8,433	17,360	8,423
Africa	7,548	1,276			5,811		461
Asia	1,648	265		630	656	97	
Latin America	35,307	30,800	293	2,442	1,771		
Supporting Assistance	23,560	4,808					
American Schools & Hospitals Abroad	14,065	8,065				16,980	1,772
Non-Regional	1,095		150	277	195	283	6,000
							190

FY 1974

Total	103,965	30,960	1,675	27,249	28,565	10,060	726
Africa	5,524	2,600			2,000	340	584
Asia	45,632	131	500	19,325	25,633	43	
Latin America	26,117	18,169	290	7,542		116	
Supporting Assistance	14,204	3,766					
American Schools & Hospitals Abroad	9,449	5,449				9,340	098
Non-Regional	3,039	575	885	382	932	221	000
							44

## AFRICA REGION

### Program Plans

In FY 1973 and 1974, A.I.D. proposed to continue to concentrate on activities which directly focus on improving the quality of life of the average African. A.I.D. programs were to be limited to basic development problems in which the U.S. has special competence.

In addition to bilateral country programs, A.I.D. planned to support regional initiatives undertaken by African countries and other donors. In the health field, one such project was to be the Strengthening of Low-Cost Health Delivery Services in Central and West African countries.

In the Spring of 1973 the seriousness of the drought situation in six West African countries of Niger, Mali, Chad, Upper Volta, Mauritania, and Senegal led to relief assistance. U.S. Government non-food assistance in FY 1973 was primarily in the form of airlifts, animal feed and medicines, medical supplies and drugs, emergency shelters and blankets. Funding in the amount of \$4.7 million was made available from the Contingency Fund.

In FY 1974, expenditures and commitments through international organizations, special studies, recovery and rehabilitation projects and a reserve for contingency relief efforts amounted to \$25 million. The U.S. Government provided additional assistance through the Food for Peace program.

The responsibility for managing these programs in A.I.D. is assigned to A.I.D.'s Africa Bureau. While projects were being implemented and medical programs designed for the special needs of malnourished people, no attempt has been made to include these activities in this report.

### Summary of Program Implementation

FY 1973 Foreign Assistance funds amounting to \$162.1 million were obligated for A.I.D. activities in Africa. Of the total, \$20.6 million (13.0%) was obligated for health, population and nutrition activities. See Table 4 on page 11.

A malaria loan for Ethiopia in the amount of \$4.8 million was included in FY 1973 obligations. There were no health loans

The amount of funds obligated for health, population and nutrition projects, by country or other allocation is shown on Table 5 on page 13.

The distribution of active projects in FY 1973 and FY 1974 and the number of countries with projects is shown below:

Projects	FY 1973	FY 1974	No. of Countries
Total	42*	46*	21**
Health	8	12	6
Population	33	33	20
Nutrition	1	1	1

\*In addition to country projects, the total number of projects in this chart includes those activities carried out on a regional basis, including Central West Africa, and South Africa regional projects.

\*\*This total reflects the number of countries in the Africa Region which have health, population and nutrition activities. It does not include regional activities which involve more than one country.

Table 6 on page 14 shows the amounts of funds obligated for health projects by type of activity and country or other allocation.

Table 4

Funds obligated for A.I.D. activities and amount and percentage for health, population and nutrition projects by country or other allocation, Africa Region, FY 1973 and FY 1974.

FY 1973

Allocation	Total	Health Population & Nutrition	Percentage for Health, Population & Nutrition
	(thousands of dollars)		
<b>Total</b>	<b>162,143</b>	<b>20,572</b>	<b>13.0</b>
Regional	15,600	5,161	33.0
Botswana	57	-	-
Cameroon	80	-	-
Central Africa Republic	188	-	-
CWARP*	17,200	1,472	9.0
Chad	109	15	13.7
Dahomey	126	-	-
East Africa Regional	962	-	-
Ethiopia	8,800	4,821	55.0
Gabon	30	-	-
Gambia	45	15	33.3
Ghana	21,433	1,034	5.0
Ivory Coast	35	-	-
Kenya	12,200	155	2.0
Lesotho	111	11	9.9
Liberia	16,100	1,372	9.1
Malawi	155	49	31.6
Mali	27	-	-
Mauritania	84	24	28.5
Mauritius	26	-	-
Morocco	11,700	510	5.0
Niger	84	19	22.6
Nigeria	10,600	830	8.0
Rwanda	74	11	14.8
Senegal	65	5	7.6
Seychelles	5	-	-
Sierre Leone	75	-	-
So. Africa Reg. OSARAC	20,623	510	3.0
Sudan	11,000	-	-
Swaziland	107	49	45.7
Tanzania	7,200	3,064	43.0
Togo	119	-	-
Tunisia	2,465	1,019	41.3
Uganda	1,120	125	11.1
Upper Volta	115	-	-
Zaire	3,592	301	8.3
Zambia	35	-	-

\*Central West Africa Regional

Table 4

Funds obligated for A.I.D. activities and amount and percentage for health, population and nutrition projects by country or other allocation, Africa Region, FY 1973 and FY 1974.

FY 1974

Allocation	Total	Health Population & Nutrition	Percentage for Health, Population & Nutrition
	(thousands of dollars)		
Total	141,132	12,203	9.0
Regional	16,900	1,892	12.0
Botswana	60	60	100.0
Cameroon	80	-	-
Central Africa Republic	140	-	-
CWARP*	45,400	3,985	35.9
Chad	84	-	-
Dahomey	165	-	-
East Africa Regional	712	-	-
Ethiopia	20,700	-	-
Gabon	40	-	-
Gambia	85	45	52.9
Ghana	2,304	1,304	56.5
Guinea	15	-	-
Ivory Coast	30	-	-
Kenya	11,600	335	3.0
Lesotho	133	19	14.2
Liberia	2,700	1,274	48.0
Malagasy	1,200	-	-
Malawi	138	48	34.7
Mali	40	-	-
Mauritania	70	-	-
Mauritius	35	-	-
Morocco	1,285	410	31.9
Niger	63	5	7.9
Nigeria	3,500	225	7.0
Rwanda	111	51	45.9
Senegal	80	5	6.2
Seychelles	15	-	-
Sierre Leone	94	-	-
So. Africa Reg. OSARAC	16,400	74	1.0
Somali Republic	1,500	-	-
Sudan	5,285	-	-
Swaziland	85	15	17.6
Tanzania	6,200	1,165	19.0
Togo	126	17	13.4
Tunisia	2,296	909	39.5
Uganda	210	-	-
Upper Volta	110	-	-
Zaire	1,087	336	30.9
Zambia	54	29	53.7

\*Central West Africa Regional

Table 5

Funds obligated for health, population and nutrition projects by country or other allocation, Africa Region, FY 1973 and FY 1974.

Area	Total		Health		Population		Nutrition	
	1973	1974	1973	1974	1973	1974	1973	1974
<b>Total</b>	20,572	12,203	7,548	5,524	12,875	6,332	149	347
<b>Regional</b>	5,161	1,892	-	117	5,161	1,775	-	-
Botswana	-	60	-	-	-	60	-	-
<b>Central West Africa Regional</b>	1,472	3,985	1,472	3,793	-	192	-	-
Chad	15	-	-	-	15	-	-	-
Ethiopia	4,821	-	4,800	-	21	-	-	-
Gambia	15	45	-	-	15	45	-	-
Ghana	1,034	1,304	-	340	1,034	964	-	-
Kenya	155	335	-	-	155	335	-	-
Lesotho	11	19	-	-	11	19	-	-
Liberia	1,372	1,274	1,276	1,274	96	-	-	-
Malawi	49	48	-	-	49	48	-	-
Mauritania	24	-	-	-	24	-	-	-
Morocco	510	410	-	-	510	410	-	-
Niger	19	5	-	-	19	5	-	-
Nigeria	830	225	-	-	830	225	-	-
Rwanda	11	51	-	-	11	51	-	-
Senegal	5	5	-	-	5	5	-	-
OSARAC*	510	74	-	-	510	74	-	-
Swaziland	49	15	-	-	49	15	-	-
Tanzania	3,046	1,165	-	-	3,064	1,165	-	-
Togo	-	17	-	-	-	17	-	-
Tunisia	1,019	909	-	-	870	562	149	347
Uganda	125	-	-	-	125	-	-	-
Zaire	301	336	-	-	301	336	-	-
Zambia	-	29	-	-	-	29	-	-

\*Office of South Africa Regional

Table 6

Funds obligated for health projects by type of activity and country or other allocation, Africa Region, FY 1973 and FY 1974 (\$1,000's).

FY 1973

Allocations	Total	Delivery of Health Services	Health Planning and Analysis	Environmental Sanitation	Specific Disease Control	Health Administration and Management	Other
Total	7,548	1,276			5,811		
CWAR*	1,472				1,011		
Ethiopia	4,800				4,800		
Liberia	1,276	1,276					

FY 1974

Total	5,524	2,600			2,000	340	
Regional	117	82					
CWAR*	3,793	1,244			2,000		
Ghana	340					340	
Liberia	1,274	1,274					

<sup>1</sup> Training

\* Central West Africa Regional

HEALTH, POPULATION AND NUTRITION  
AFRICA REGION  
FY 1973 - FY 1974

<u>Area</u>	<u>Project Number</u>	<u>Title</u>	<u>Contractor Loan No.</u>	<u>FY 1973 Funds</u>	<u>FY 1974 Funds</u>
Regional	698-11-490-363	Labor Project		1,605,000	1,775,000
Regional	932-11-570-360	Univ. Teaching of Population Dynamics	U. of N. Carolina AFR 797	600,000	500,000
Regional	932-11-570-374	Marketing Research	Population Services Inc. AFR 827	245,000	---
Regional	932-11-580-166	Regional Population Support	AAMC, csd-1171	435,000	---
Regional	698-11-580-189	Regional Population Planning	Pathfinder Fund AFR-575	---	---
Regional	698-11-580-346	Regional Population Planning	Population Council AFR-629	---	---
Regional	932-11-580-358	Maternal and Child Health Extension	Univ. of Calif. (Santa Cruz), ORT AFR-799	685,000	---
Regional	932-11-580-359	Family Planning Courses in Health Training Institutes		1,180,000	---
Regional	932-11-580-373	MCH & FP Training and Research Development	Meharry Med. Col. AFR-373	796,000	---
Regional	698-11-590-381	Science Health Care	African American Scholars Council AFR-1076	---	82,000
Regional	932-11-570-337	Regional Demographic Survey Workshop	Bureau of Census	15,000	---

<u>Area</u>	<u>Project Number</u>	<u>Title</u>	<u>Contractor Loan No.</u>	<u>FY 1973 Funds</u>	<u>FY 1974 Funds</u>
Regional	698-11-999-135	Howard University Conference	Howard U. AFR-G-1077	—	35,000
CWAR*	625-11-510-116	Measles Control/Smallpox Eradication		—	—
CWAR*	625-11-540-510	Regional Public Health Training	U. of Pittsburgh AFR-756	461,000	549,000
CWAR*	625-11-550-531	University Center for Health Sciences		80,000	—
CWAR*	625-11-590-904	Strengthening Health Delivery Systems		1,011,000	436,000
CWAR*	625-11-510-908	Onchocerciasis Control		—	2,000,000
CWAR*	625-11-550-809	Albert Schweitzer Hospital		—	1,000,000
Chad	677-11-580-500	Special Population Activity		15,000	—
Ethiopia	663-11-510-006	Malaria Eradication	(L) 663-H-013C	4,800,000(L)	—
Ethiopia	663-11-530-170	Training in MCH Care		21,000	—
Gambia	635-11-580-200	Special Population Activity		15,000	45,000
Ghana	641-11-580-055	Danfa Rural Health Development/ Family Planning	U.C.L.A. AFR-697	800,000	740,000
Ghana	641-11-580-064	Population Program Support		234,000	224,000
Ghana	641-11-590-068	Rural Health Management Services		—	340,000
Kenya	615-11-580-141	Population Dynamics		155,000	335,000

\*Central West Africa Region

<u>Area</u>	<u>Project Number</u>	<u>Title</u>	<u>Contractor Loan No.</u>	<u>FY 1973 Funds</u>	<u>FY 1974 Funds</u>
Lesotho	632-11-580-500	Special Population Activity		11,000	19,000
Liberia	669-11-540-054	National Medical Center	DHEW/IHS PASA AFR 36-85	1,276,000	1,274,000
Liberia	669-11-540-110	Maternal and Child Health Training		96,000	—
Malawi	612-11-580-500	Special Population Activity		49,000	48,000
Mauritania	682-11-580-500	Special Population Activity		24,000	—
Morocco	608-22-521-096	Water Supply	608-H-040 (L)	—	—
Morocco	608-11-570-109	Demographic Research Center	U. of N. Carolina csd-2495	200,000	140,000
Morocco	608-11-580-112	Family Planning Support		310,000	270,000
Niger	698-11-580-500	Special Population Activity		19,000	5,000
Nigeria	620-22-521-720	Ibadan Water Supply	(L) 620-H-004	—	—
Nigeria	620-11-580-789	Family Health Training	Johns Hopkins U.	830,000	225,000
Rwanda	696-11-580-500	Special Population Activity		11,000	51,000
Senegal	685-11-580-500	Special Population Activity		5,000	5,000
Southern Africa Regional	690-11-540-932	Maternal & Child Health, Family Planning Training	Meharry Med. Col. AID/CM/pha C-73-8	510,000	74,000

<u>Area</u>	<u>Project Number</u>	<u>Title</u>	<u>Contractor Loan No.</u>	<u>FY 1973 Funds</u>	<u>FY 1974 Funds</u>
Somali	649-52-520-037	Mogadiscio Water System	(L) 649-H-005	—	—
Swaziland	645-11-580-500	Special Population Activity		49,000	15,000
Tanzania	621-11-580-121	Manpower Training Project (MCH Aides)		1,064,000	1,165,000
Togo	693-11-580-500	Special Population Activity		—	17,000
Tunisia	664-11-580-224	Family Planning		870,000	562,000
Tunisia	664-11-560-255	Food and Nutrition: Lysine Fortification Study		149,000	347,000
Uganda	617-11-570-057	Program Assistance Grant, Maternal and Child Health Training		125,000	—
Zaire	660-11-531-049	Maternal and Child Health		301,000	336,000
Zambia	611-11-580-500	Special Population Activity		—	29,000

AFRICA REGIONAL PROJECTS

The FY 1973 and FY 1974 Foreign Assistance funds for all A.I.D. Africa Regional programs totalled \$15.6 million and \$16.9 million, respectively. Of this amount, \$4.961 million was obligated for seven health projects in FY 1973. These were: Labor Project, 698-11-490-363; Marketing Research, 932-11-570-374; Regional Population Support, 932-11-580-166; Maternal and Child Health Extension, 932-11-580-358; Family Planning Courses in Health Training Institutes, 932-11-580-359; MCH & FP Training and Research Development, 932-11-580-373; and Regional Demographic Survey Workshop, 932-11-570-337. In addition, two active projects required no funding in FY 1973: Regional Population Planning (Pathfinder), 698-11-580-189; and Regional Population Planning (Population Council), 698-11-580-346.

In FY 1974, \$1.892 million was obligated for three projects. These were: Labor Project, Science Health Care, 698-11-590-381; and Howard University Conference, 698-11-999-135. All other projects listed above requiring funding in FY 1973 remained active in FY 1974.

COUNTRY : Africa Regional  
Project Name: Howard University Conference  
Project No. : 698-11-999-135  
Contract No.: AFR-1077  
Contractor : Howard University, College of Medicine  
Began : Fiscal Year 1974  
Estimated Termination Date: Fiscal Year 1975

Description:

The purpose of this conference is to develop plans for training paramedical manpower to meet the needs of African countries in extending health services to rural population. Howard University will conduct the Conference in association with the African American Scholars Council (AASC); several U.S. universities; selected African and West Indian universities and Ministries of Health representatives, and other Health professionals.

Funding:

FY 1974 - \$35,000 grant funds were obligated by A.I.D.  
Total through 6/30/74 - \$35,000

COUNTRY : Africa Regional  
Project Name: Labor Project  
Project No. : 698-11-490-363  
Contractor : African-American Labor Center  
Began : Fiscal Year 1972  
Estimated Termination Date: Fiscal Year 1973

Description:

A grant was made to the African-American Labor Center for motivating and developing a program of African Trade Union involvement in family planning and maternal and child health activities.

The Center sponsored a regional medical seminar in the Gambia, September 10-16, 1972, involving representatives of trade unions, employers, local family planning associations, various health ministries and several international organizations. Countries represented were Nigeria, Ghana, Sierra Leone, Liberia and The Gambia.

Another seminar was held in Paris, January 9-12, 1973. Health projects in various Francophone countries in West Africa were discussed with maternal and child health and family planning a significant part of the agenda. The conference established that family planning is an integral component of MCH services.

Funding:

FY 1973 - \$1,605,000 Title X funds were obligated by A.I.D.  
FY 1974 - \$1,775,000 Title X funds were obligated by A.I.D.  
Total through 6/30/73 - \$6,699,000

COUNTRY : Africa Regional  
Project Name: University Teaching of Population Dynamics  
Project No. : 932-11-570-360  
Contract No.: AFR-797  
Contractor : University of North Carolina  
Began : Fiscal Year 1971  
Estimated Termination Date: Fiscal Year 1977

Description:

The objective of this project is to introduce interdisciplinary instruction and research in population into regular curriculum and research programs of selected African universities. The focus will be on broadening the competence of those specializing in other academic fields rather than producing population specialists. During FY 1971, the Contractor carried out a feasibility survey which resulted in the University of Ghana being the first African University selected for help in establishing a population center.

This project is intended to promote an interdisciplinary approach and reduce the academic insularity prevailing in African universities by assisting selected universities to establish population centers to sponsor research in various aspects of population, assist in the introduction of population subjects into existing courses and encourage interdepartmental study in cooperation with the regular schools and departments of the university. The focus will be on broadening the competence of those specializing in other fields rather than producing population specialists.

During FY 1972, the University of North Carolina assisted in the University of Ghana in selecting library materials; and participated in an Africa-wide population conference with other university officials at Accra.

The project has provided training for participants from adjacent Anglophone countries. A seminar, sponsored by the University of Ghana, on the approach to introducing population dynamics into curricula of the universities in West Africa was funded under this project.

Funding:

FY 1973 - \$600,000 grant funds were obligated by A.I.D.  
FY 1974 - \$500,000 grant funds were obligated by A.I.D.  
Total through 6/30/74: \$1,034,000

COUNTRY : Africa Regional  
Project Name: Marketing Research - Population  
Project No. : 698-11-570-374  
Contract No.: AFR 827  
Contractor : Population Services, Inc.  
Began : Fiscal Year 1972  
Estimated Termination Date: December 1974

**Description:**

The purpose of this project is to test the effects of an intensive marketing campaign upon acceptance and use of non-medical contraceptives in a selected rural area of Kenya and to determine the potential role of the commercial and private sector in the promotion of family planning. Starting in March 1972, this project has focused on the distribution and sale of condoms through established market mechanisms in one rural district. The first distribution of condoms was made in September 1972. A six month's survey conducted in April 1973 showed that the condoms were available for purchase in 600 of the 1,200 retail outlets and were being purchased by 10% of the male population aged 15-49.

**Funding:**

FY 1973 - \$245,000 grant funds were obligated by A.I.D  
FY 1974 - No grant funds were obligated by A.I.D.  
Total through 6/30/74 - \$410,000

COUNTRY : Africa Regional  
Project Name: Regional Population Support  
Project No. : 931-11-580-166  
Contract No.: csd-1171, T.O. #6  
Contractor : Association of American Medical Colleges  
Began : Fiscal Year 1968  
Estimated Termination Date: March 1975

Description:

The major activities under this project are: to assist in developing and administering population and family planning projects in Africa which can not be easily implemented through separate regional or bilateral projects; to provide overall supervision and monitoring of U.S. supported population programs in Africa and to provide on-the-spot consultation and develop cooperation among other donors to coordinate population activities.

In FY 1969, a Regional Population Office was established in Ghana. The Regional Population Officer participated in the planning of regional and bilateral projects; provided technical advisory services to African governments upon request, and coordinated A.I.D. programs with international agencies and public and private organizations.

In FY 1970, the Association of Medical Schools in Africa was assisted in conducting a seminar to study ways to accelerate the inclusion of family planning and related training into medical school programs. The Association of American Medical Colleges (AAMC) assisted in planning and conducting the conference.

A small grant was made to the University of Ghana to support studies by senior students of special demographic problems relevant to Sub-Saharan Africa.

In FY 1972, the staff of the Regional Population Office was increased to include the Director, Program Officer, Economics Advisor, and Public Health Nurse/Midwife.

Funding:

FY 1973 - \$435,000 grant funds were obligated by A.I.D.  
FY 1974 - No grant funds were obligated by A.I.D.  
Total through 6/30/74: \$1,143,000

COUNTRY : Africa Regional  
Project Name: Pathfinder Fund Activities  
Project No. : 698-11-580-189  
Contract No.: AFR 575  
Contractor : The Pathfinder Fund  
Began : Fiscal Year 1968  
Estimated Termination Date: December 1974

Description:

A.I.D. support to the Pathfinder Fund augments the Fund's resources for developing family planning projects and making initial grants to individuals and local organizations interested in and working with such programs. Wherever possible, these services are integrated into health programs providing for maternal and child health services, health education, and training. The specific objective of the Fund is to establish family planning clinics and support them with clinical equipment, contraceptives, educational materials, and funds for training and local costs. Assistance is provided until the clinics qualify for assistance from larger foundations or are integrated into national health services.

Family planning is being supported by Pathfinder in Burundi, Congo-Kinshasa, Dahomey, Gambia, Nigeria, Rwanda, Senegal, Sierra Leone, Uganda, Zambia, and Tanzania. Studies of the IUD have been conducted in U.A.R., Uganda, Nigeria, Rhodesia, Sierra Leone, Cameroon, and South Africa.

Funding:

An initial grant was made in FY 1968 in the amount of \$250,000. No additional grant funds have been provided under this project.

COUNTRY : Africa Regional  
Project Name: Regional Population Planning  
Project No. : 932-11-580-346  
Contract No.: AFR-629  
Contractor : The Population Council  
Began : Fiscal Year 1969  
Estimated Termination Date: June 1974

Description:

The major objective of this project is to aid in the collection and analysis of information needed to assess population growth and its effects. Under this grant the work of the Population Council has emphasized the collection and analysis of data needed to assess population growth and its effects in order to arrive at country needs.

This activity deals primarily with selective studies designed to collect and analyze data in such areas as sample vital events registration, determinants of fertility and attitudes toward family planning. The studies are carried out through aid to African university centers and private organizations. Assistance to African Governments is given on request.

Training of Africans at African and U.S. institutions is also included. The Council undertakes some activities directly, such as provision of training grants to African governments or university faculty. It also makes subgrants to individuals and government organizations.

The first Population Council subgrant was made to Makerere University College in Uganda, for a program of research in vital registration and differential growth in several geographic regions of the country. In Ethiopia, a knowledge, attitude and practices (KAP) study is being financed in the Institute of Ethiopian Studies at Haile Selassie I University. Another KAP study has been initiated in Niger. A vital registration study is being undertaken in Sierra Leone, and the University of Dar es Salaam is making a study of internal migrations in Tanzania. The Tanzanian Bureau of Statistics has also been provided with magnetic tapes to store census data. The Federal Office of Statistics, Lagos, Nigeria, has also received a subgrant.

The Population Council has a regional advisor for technical assistance activities based in Accra. Resident advisors are assigned to the Governments of Kenya, Tunisia, Morocco, and Algeria, and to colleges in Kenya, Uganda, Tanzania, Nigeria, and Sierra Leone.

Funding:

FY 1973 - No grant funds were obligated by A.I.D.  
FY 1974 - No grant funds were obligated by A.I.D.  
Total through 6/30/74: \$1,174,000

COUNTRY : Africa Regional  
Project Name: Maternal and Child Health Expansion  
Project No. : 932-11-580-358  
Contract No.: AFR-799  
Contractor : University of California at Santa Cruz,  
American ORT Federation, New York  
Began : Fiscal Year 1971  
Estimated Termination Date: Fiscal Year 1977

**Description:**

The purpose of this project is to improve the quality of life of Africans by providing maternal and child health (MCH) and family planning services. It will assist the Africans in realizing their desire for healthy mothers and children through provision of basic maternal and child health services, including family planning assistance, to people in areas where such services do not now exist.

The project is intended to train district and regional supervisory staffs in community development, teaching and health. These supervisors will in turn train local rural health workers and village volunteers to provide guidance in child care, nutrition, home hygiene, disease control, child spacing, and contraceptive advice and services.

The University of California at Santa Cruz began implementation of pilot activities which were developed cooperatively with the governments of Gambia, Dahomey and Lesotho. The contractor has provided a field team composed of a public health physician, six public health technicians and an administrator.

Each team of two public health technicians works with the cooperating governments to (1) establish a focal point in the Ministry of Health to supervise and direct the project; (2) develop or improve MCH and child spacing services in major health training centers; (3) train counterpart workers and supervisors; (4) assist in developing MCH and child spacing refresher courses and training, plus the supervision of health workers and village volunteers; and (5) analyze and evaluate project progress and problems within the region. With modifications based on an evaluation of initial operations and results, it is expected that each pilot activity will be substantially enlarged and that other countries will begin similar programs.

The American ORT Federation has been selected as a second contractor for implementing this project in Niger and one of two other African francophone countries. The ORT contract has been executed and the team for Niger arrived in-country in January 1973.

**Funding:**

FY 1973 - \$685,000 grant funds were obligated by A.I.D.  
FY 1974 - No grant funds were obligated by A.I.D.  
Total through 6/30/74 - \$3,261,000

COUNTRY : Africa Regional  
Project Name: Family Planning Courses at Health  
Training Institutions  
Project No. : 932-11-580-359  
Contractor : University of North Carolina  
Began : Fiscal Year 1972  
Estimated Termination Date: December 1977

Description:

This project is intended to assist staffs of health training institutions to expand and improve curricula to include family planning and to assist in the implementation of the revised training. Most of these HTIs are poorly equipped to provide family planning as an integral part of maternal and child health services. There is a lack of sufficient staff with professional background, plus a lack of materials for teaching the biology and biochemistry of human reproduction and fertility control techniques. This project will provide participating HTIs with professional training for medical and nursing school faculties; the additional books, periodicals, teaching aids and audio-visual equipment required for instructions; and consultant assistant in curricula development.

Since 1970, a continuing series of separately funded seminars and conferences have been sponsored by the African Medical Schools Association (AMSA) in cooperation with the American Association of Medical Colleges (AAMC). Because of the interest expressed in the concept of strengthening HTI curricula; in 1971 the Executive Committee of the AMSA agreed to propose the concept to individual African medical schools at a series of regional seminars. Three such seminars have been held under the auspices of AMSA with assistance from AAMC at Accra, Benghazi and Nairobi. To date, more than 20 individual medical schools and HTI officials have agreed to participate in the development and implementation of a basic regional family planning curriculum, tailored to comply with the customs, mores and needs of the participating HTIs. It is expected that 25 medical schools and 40 nursing and other allied HTIs will have added family planning to their curricula by 1978.

By late FY 73, the University of North Carolina will begin coordinating the efforts of a consortium of representatives from AMSA, AAMC, the Organization for Rehabilitation through Training (ORT), the International Planned Parenthood Foundation (IPPF), the University of California at Santa Cruz, Johns Hopkins University, Howard University Medical School and the World Health Organization (WHO).

Funding:

FY 1973 - \$1,180,000 grant funds were obligated by A.I.D.  
FY 1974 - No funds were required since the initial funding  
extends through FY 1975.  
Total through 6/30/74: \$1,180,000

COUNTRY : Africa Regional  
Project Name: MCH and Family Planning Training and  
Research Development  
Project No. : 932-11-580-373  
Contract No.: AFR-796  
Contractor : Meharry Medical College  
Began : Fiscal Year 1971  
Estimated Termination Date: March 1977

Description:

Through this project A.I.D. has provided a grant to Meharry Medical College in Nashville, Tennessee, to develop a Maternal and Child Health Family Planning Training and Research Center in cooperation with other universities and organizations in Nashville, Tennessee. These include Vanderbilt, Fisk, and Tennessee State Universities; George Peabody College for Teachers, Scarritt College, and the Planned Parenthood Association of Nashville. The primary purpose of the grant is to provide a corps of American advisors at the Center, and training for African and American personnel who will be able to assist African countries in developing MCH/FP services.

The MCH/FP Center was established with a core staff of twenty-two professionals. It has conducted an 11-day seminar on all aspects of MCH/FP as they affect the practice of midwifery and with a special program on African-American culture. There were thirty-eight participants from African countries. Three U.S. senior medical students from Meharry have been sent to medical institutions in Liberia, Nigeria and Ghana for field experience in MCH/FP.

The MCH/FP Center dispatched four separate feasibility study teams to west and east African countries in the summer of 1972 to establish working relationships in the MCH/FP fields and to explore possibilities for MCH/FP training for high and middle level health workers.

In FY 1973, the Center trained 17 participants in the delivery of maternal and child health and family planning services. Seven students were from Kenya, one from Zaire, five from Liberia, two from Sierra Leone and two from Nigeria. Clinical experience for these participants was provided at various institutions in Georgia, Alabama, Mississippi, and Arkansas.

During October 16-27, 1972, the Center conducted a seminar for 43 nurse midwives from both Anglophone and Francophone African countries.

From July 1972 through June 1973, approximately 21 students in the U.S. under A.I.D. or other organizations' sponsorship spent from one day to one week at the Center as part of their training experience. Among the countries represented were: Ethiopia, Ghana, Sierra Leone, Nigeria, Botswana, Kenya, Swaziland and Morocco.

The Center has also provided short-term advisory services to African institutions, i.e., universities, ministries of health, private non-profit organizations providing MCH/FP services, and training facilities in order to assist them to increase their capabilities for undertaking or operating programs involving research, personnel training and evaluation studies.

Funding:

FY 1973 - \$796,000 grant funds were obligated by A.I.D.

FY 1974 - No grant funds were obligated by A.I.D.

Total through 6/30/74: \$3,027,000

**COUNTRY** : Africa Regional  
**Project Name:** Traditional-Scientific Health Care  
**Project No. :** 698-11-590-381  
**Contract No.:** AFR-1076  
**Contractor :** African American Scholars Council  
**Began :** Fiscal Year 1974  
**Estimated Termination Date:** Fiscal Year 1976

**Description:**

This project provides the opportunity to study in one African country the possibilities for developing cooperation between traditional and scientific African health care practitioners in the delivery of health services.

The entire study will be undertaken by local country researchers working in association with American investors. Countries to be initially investigated as potential sites for the study are Botswana, Lesotho and Liberia. It was anticipated that identification of the target country would begin in July 1974, followed by nine months in-country field study which would be completed by the end of September 1975.

The final report of the study will provide suggestions for educational programs to facilitate collaborations between the two systems and for health care policy development. In addition, a model for national utilization of traditional healers in similar African situations will be developed.

**Funding:**

FY 1974 - \$82,000 grant funds were obligated by A.I.D.  
Total through 6/30/74 - \$82,000

COUNTRY : Africa Regional  
Project Name: Regional Demographic Survey Workshop  
Project No. : 932-11-570-337  
Contractor : Bureau of Census  
Began : Fiscal Year 1973  
Estimated Termination Date: Continuing

Description:

This project provides funding for an agreement with the U.S. Bureau of Census to carry out demographic sampling survey workshops for training African statisticians.

Funding:

FY 1973 - \$15,000 Title X funds were obligated by A.I.D.  
FY 1974 - No Title X funds were obligated by A.I.D.  
Total through 6/30/74 - \$71,350

CENTRAL AND WEST AFRICA OFFICE FOR REGIONAL ACTIVITIES (CWAORA)

The FY 1973 Foreign Assistance funds obligated for CWAORA regional projects totaled \$17.2 million. Of this total, \$1.55 million was obligated for three health projects. They were: Regional Public Health Training, 625-11-540-510; University Center for Health Sciences, 625-11-550-531; and Strengthening Health Delivery Systems, 625-11-590-904.

In FY 1974 \$45.4 million was obligated for CWA activities of which \$4.02 million was for four projects. They were Regional Public Health Training; Strengthening Health Delivery Systems; Onchocerciasis Control, 625-11-510-908; and Albert Schweitzer Hospital, 625-11-550-809.

Projects funded in FY 1973 remained active in FY 1974.

COUNTRY : Central West Africa Regional  
Project Name: Measles Control - Smallpox Eradication  
Project No. : 625-11-510-116  
Contract No : AFR (HA) 18-67  
Began : Fiscal Year 1963  
Estimated Termination Date: Fiscal Year 1974

Description:

This project was designed to assist 20 West and Central African countries in the eradication of smallpox and the control of measles.

Smallpox is one of the most lethal diseases known to man and in Africa kills approximately 25% of those stricken. The smallpox portion of the project represents a U.S. contribution to the global program sponsored by the World Health Organization (WHO) to eradicate the disease throughout the world. The measles portion of this dual campaign was intended to reduce a major cause of death and disability among young Africans.

Technical direction of the project was carried out for A.I.D. by the Center for Disease Control of the PHS under a PASA. Commodities were provided by A.I.D. through grant agreements with the Organization for Cooperation and Coordination in the Fight Against Major Endemic Diseases (OCCGE) and by the Organization for the Control of Endemic Diseases in Central Africa (OCEAC). Planning and operations in West Africa were coordinated by the OCCGE and by the OCEAC, by the governments of participating countries and with WHO, as required.

Phase I included one mass smallpox vaccination of the entire population of the 20 countries and a simultaneous measles vaccination of all susceptible children between the ages of six months and six years, later reduced to four years in most countries. Phase II was limited to a maintenance program consisting of smallpox vaccinations for persons not vaccinated in Phase I, and surveillance.

Phasing out of U.S. assistance began in FY 1971. During this period U.S. advisors were engaged in activities aimed at bringing about an orderly transition of the program into health services of the participating countries. The project was concluded in FY 1974.

Funding:

FY 1973 - No grant funds were obligated by A.I.D.  
FY 1974 - No grant funds were obligated by A.I.D.  
Total through 6/30/74: \$24,248,000

COUNTRY : Central West Africa Regional  
Project Name: Regional Public Health Training  
Project No. : 625-11-540-510  
Contract No.: AFR-756  
Contractor : University of Pittsburgh  
Began : Fiscal Year 1969  
Estimated Termination Date: Fiscal Year 1975

**Description:**

Assistance is provided to the Organization for the Control of Endemic Diseases in Central Africa (OCEAC) for improvement of health services in member countries: Cameroon, Chad, Central African Republic, Gabon, and Congo. Within the available resources of the countries, health services will be strengthened particularly in the areas of disease prevention, environmental sanitation, and health education; and the training of personnel for these functions.

In FY 1970, a grant agreement was signed with OCEAC, which included funding for a contract with a U.S. university. The University of Pittsburgh was selected as the Contractor.

**Funding:**

FY 1973 - \$461,000 grant funds were obligated by A.I.D.  
FY 1974 - \$549,000 grant funds were obligated by A.I.D.  
Total through 6/30/74: \$1,801,000

COUNTRY : Central West Africa Regional  
Project Name: University Center for Health Sciences  
Project No. : 625-11-550-531  
Began : Fiscal Year 1972  
Estimated Termination Date: June 1977

Description:

This is a multi-donor project to assist the development of a multi-disciplinary health training institution in Cameroon to train physicians, nurses and allied health workers from Cameroon and surrounding countries. Emphasis is on preventative medicine and rural health. The A.I.D. component is focusing on combined planning and maternal and child health care. The project objective is to develop a team approach to the delivery of medical services resulting in maximum benefits from the limited health personnel available in Central African countries. The Center for Health Sciences is part of the Medical School of the Federal University of Cameroon. The U.S. contribution provides funds for construction of the community health complex and a four member contract team to serve as temporary faculty, advanced training for Cameroonians in the U.S. and elsewhere, and scholarships for the non-Cameroonian African students. Other donors include the UNDP, WHO, Canada, France and the Cameroon government.

Funding:

FY 1973 - \$80,000 grant funds were obligated by A.I.D.  
FY 1974 - No grant funds were obligated by A.I.D.  
Total through 6/30/74: \$2,566,000

COUNTRY : Central and West Africa Regional  
Project Name: Strengthening of Health Delivery Systems  
in Central/West Africa  
Project No. : 625-11-590-904  
Contract No.: csd-2604  
Contractor : American Public Health Association  
Began : Fiscal Year 1973  
Estimated Termination Date: fiscal Year 1980

Description:

In 1972 with the successful completion of the smallpox eradication program, A.I.D. terminated financial assistance to the program and decided to consolidate its gains through a new broader-based effort at strengthening health delivery systems. The operation of the smallpox program had begun to provide some of the participating countries with knowledge and resources for strengthening their own capacity to control communicable diseases. To a large extent, the countries are capable of maintaining surveillance for smallpox and conducting measles immunizations programs, although measles vaccine supply remains a continuing requirement.

In FY 1972, A.I.D. contracted with the American Public Health Association to provide a health reconnaissance team to identify specific health needs of Central and West African countries and regional organizations. The team made an assessment of present and potential in-put by multilateral agencies and other donor groups to assist A.I.D. on specific high health priorities.

Given the nature of the health problems and resources existing within the region, it was determined that funds made available through this new A.I.D. financed program should be directed toward prevention rather than cure of disease, should be directed to rural rather than urban populations, and should give first priority to the 65 percent of the population composed of mothers and children.

The general purpose of the project is the strengthening of the health services delivery capabilities of the governments of West and Central Africa, working in collaboration with WHO and other regional organizations. The primary modalities include: (1) strengthening the administration of the WHO training centers in Lome, Togo, and Lagos, Nigeria; (2) expanding the regional capacity for training with emphasis on training of trainers, supervisory and administrative personnel; (3) expanding the training and support for surveillance and epidemiologic services; (4) assisting in the development and initial operation of selected prototype field delivery systems; (5) strengthening relationships among regional organizations and Ministries of Health; (6) procurement of measles vaccine.

FY 1973 funds were utilized for procurement of measles vaccine. FY 1974 funds were required to continue consultant services in health planning, systems development, teaching methodology, curricula development, and evaluation; participant training in the U.S. for public health administrators and at African Regional Health Centers for paramedical assistants; commodities including measles vaccine, teaching materials, scientific and medical supplies; and support costs associated with staffing and operations of the WHO Regional Health Centers and Proto-Type Field Delivery Stations.

Funding:

FY 1973 - \$1,011,000 grant funds were obligated by A.I.D.  
FY 1974 - \$436,000 grant funds were obligated by A.I.D.  
Total through 6/30/74: \$1,447,000

COUNTRY : Central West Africa Regional  
Project Name: Onchocerciasis Control Program  
Project No. : 625-11-510-908  
Began : Fiscal Year 1974  
Estimated Termination Date: Fiscal Year 1980

Description:

This program is aimed at alleviating human suffering and at rehabilitating the onchocerciasis infected areas. Onchocerciasis (river blindness) affects over one million persons in the zone covered by the proposed control program (a river basin area shared by Dahomey, Ghana, Ivory Coast, Mali, Niger, Togo and Upper Volta). Fear of the disease has led to abandonment of extensive areas of fertile river valleys in the Volta River Basin. These valleys are badly needed for production of staple food supplies.

In July 1968 a conference convened by WHO with the West Africa OCCGE and AID concluded that control of the disease was technically feasible. Following that conference the seven governments of the affected Volta River Basin area confirmed their desire to participate in an onchocerciasis program.

A Preparatory Assistance Group prepared a plan of work to achieve control of the disease in the affected zone and to work out expected costs and benefits of the scheme. At the end of June 1973, the World Bank and WHO, the fiscal and executing agencies for the proposed program, convened a preliminary meeting in Paris of the participating African countries, interested donor Governments, and concerned international agencies for purposes of organizing the programming and implementation of an international effort with regard to onchocerciasis. Total costs for the twenty-year control program are estimated at \$120 million. The total cost for the first six years is estimated at \$54 million. The Onchocerciasis 1974 Fund Agreement was promulgated, in which initial funding of \$7.5 million has been committed by Canada, France, the Federal Republic of Germany, the Netherlands, the United Kingdom, the United States, the WHO, UNDP, and the World Bank. The total U.S. contribution to the six-year phase of the program is estimated at \$8.2 million, or not to exceed 20 percent of total program costs. The participating governments will provide the program with full support including priority consideration for socioeconomic development in the sectors freed from onchocerciasis.

Funding:

FY 1974 - \$2,000,000 grant funds were obligated by A.I.D.  
Total through 6/30/74 - \$2,000,000

**COUNTRY** : Central West Africa Regional  
**Project Name:** Albert Schweitzer Hospital  
**Project No. :** 625-11-550-809  
**Began** : Fiscal Year 1974  
**Estimated Termination Date:** Fiscal Year 1974

**Description:**

In the Foreign Assistance Act of 1973, Congress included a special Section 33 providing a \$1,000,000 grant to the International Association of the Albert Schweitzer Hospital. The grant is to be used for a new Leprosy Rehabilitation Center at the hospital for which construction and operating costs for a five year period are estimated at \$6,000,000. Of the balance, half is being sought in the U.S. from private sources and half in Europe through both private and governmental channels.

A Grant Agreement between A.I.D. and the International Association was signed on March 19, 1974. Specifically, the grant covers construction of surgery, x-ray, and laboratory facilities and one or more hospital wards, installation of equipment for these facilities, architectural-engineering services and operating costs.

**Funding:**

FY 1974 - \$1,000,000 grant funds were obligated by A.I.D.  
Total through 6/30/74 - \$1,000,000

CHAD

In FY 1973, Foreign Aid funds totaling \$94,000 were obligated for Special Self-Help and Development activities. A grant in the amount of \$15,000 was funded for Special Population Activity, 677-11-998-016.

In FY 1974, \$84,000 was obligated for Special Self-Help and Development activities.

ETHIOPIA

FY 1973 Foreign Assistance funds totaling \$8.8 million were obligated for Ethiopia. Of this amount \$4.821 million was obligated for two health projects including Training in MCH, 663-11-530-170; and a loan for Malaria Eradication, 663-11-510-006.

In FY 1974 \$20.7 million was obligated for A.I.D. activities in Ethiopia. The above projects remained active but required no FY 1974 funds.

COUNTRY : Ethiopia  
Project Name: Malaria Eradication  
Project No. : 663-11-510-006  
Loan No. : 663-H-013, 013A, 013B, 013C  
Authorized : Fiscal Years 1967, 1969, 1971, 1974  
Began : Fiscal Year 1958  
Estimated Termination Date: October 1978

**Description:**

This project is assisting the Ethiopian Malaria Eradication Service in giving guidance in the organization, training, and deployment of local staff, the assessment of logistic and technical needs and the determination of operational procedures for its malaria program.

The project's target objective has been to reach about 50% of the population (12 million) who are infected with malaria at any one time, and allow more Ethiopians to live in fertile areas of the country. Malarious areas include more than half of the total land area. The program contributes directly to agricultural sector goals by opening up areas for settlement and exploitation both by small holders from the highlands and by commercial and corporate farmers producing for export.

Loan No. 663-H-013C will provide continued support for this program and will finance foreign exchange costs of the program for FY 1974-1976, and a declining percentage of the local costs.

**Funding:**

Loan Agreement 663-11-013 Amount: \$5,800,000  
Amount Utilized 6/30/74 : \$5,740,274

Loan Agreement 663-11-013A Amount: \$3,000,000  
Amount Utilized 6/30/74 : \$2,967,080

Loan Agreement 663-11-013B Amount: \$4,900,000  
Amount Utilized 6/30/74 : \$4,074,417

Loan Agreement 663-11-013C Amount: \$4,800,000  
Amount Utilized 6/30/74 : \$1,249,152

COUNTRY : Ethiopia  
Project Name: Training in MCH Care  
Project No. : 663-11-530-170  
Began : Fiscal Year 1971  
Estimated Termination Date: Fiscal Year 1976

**Description:**

The purpose of this project was to assist Ethiopia extend, expand and improve its maternal and child health services and the family guidance services which are an integral part of these services. Under this project four training centers were to be constructed and equipped for personnel to be engaged in midwifery, family guidance, child spacing and general maternal and child health activities. One of these centers was to be integrated into the health services of the Municipality of Addis Ababa. The other three centers were to be integrated into the national decentralized health services system. The centers were to be merged with three training schools for paramedical personnel, each in a different province. Staffing for these centers was to be provided by the Ministry of Public Health and other donors. A.I.D. provided a consultant from the American Public Health Association to examine their maternal and child health programs and prepare suggestions for possible actions to expand and improve those programs.

As of FY 1974 no action had been taken to implement these plans.

**Funding:**

FY 1973 - \$21,000 grant funds were obligated by A.I.D.  
FY 1974 - No grant funds were obligated by A.I.D.  
Total through 6/30/74: \$57,000

Gambia

FY 1973 Foreign Aid funds amounting to \$30,000 were obligated for self-help activities under the Special Self-Help and Development project, 635-11-998-002. In FY 1974 \$40,000 was obligated.

Gambia was included in the regionally funded Measles Control-Smallpox Eradication project 698-11-510-116.

Project No. 635-11-580-500, Special Population Activity, was initiated in FY 1973 and funds in the amount of \$15,000 were obligated for that year. In FY 1974, obligations amounted to \$45,000.

GHANA

FY 1973 Foreign Assistance funds totaling \$21.433 million were obligated for activities in Ghana. Of this amount, \$1.034 million funded two health projects: Danfa Rural Health Development, 641-11-580-055; and Population Program Support, 641-11-580-064.

In FY 1974 \$2.304 million was obligated for A.I.D. activities in Ghana. In addition to the above health projects, \$1.304 million included funding for a new project, Rural Health Management Services, 641-11-590-068.

COUNTRY : Ghana  
Project Name: Danfa Rural Health Development/Family Planning  
Project No. : 641-11-580-055  
Contractor : University of California, Los Angeles  
Contract No.: AFR-697  
Began : Fiscal Year 1969  
Estimated Termination Date: Fiscal Year 1977

Description:

The purpose of this project is to assist Ghana in initiating a comprehensive rural family care and training program which emphasizes maternal and child health, and family planning. A research project is being carried out by the Department of Social and Preventative Medicine of the University of Ghana in cooperation with the University of California, Los Angeles, School of Public Health to test and demonstrate methods and techniques of providing varying levels of health care and family planning services in four different rural areas. At the completion of the project data will be available which will help demonstrate which level of services is the optimal cost effective approach to rural health and family planning in Ghana. In addition, data will be available which demonstrate the most cost effective method of operating a comprehensive rural health center since that is one of the approaches being measured within the overall scope of the project.

The project is now in its fourth year of field operation. A complete baseline census of the population in the four rural areas involved has been completed. A records system has been designed and introduced at the Danfa Health Center, and staff trained to implement and utilize the system. Family planning and health education teams have been trained and are delivering information and services in the research areas. The program has also demonstrated that given a minimum of basic training, unskilled traditional birth attendants can become an important resource in providing improved birth delivery and family planning services. The Ghana Government is now considering a national training program for such individuals.

As of September 1973, it is estimated that in Area I, having a population of about 10,000 people, 10% of the fertile women and 13% of the couples have accepted family planning since the beginning of the family planning program (15 months). Originally this 10% figure had been the five year objective of the project.

Funding:

FY 1973 - \$800,000 grant funds were obligated by A.I.D.  
FY 1974 - \$740,000 grant funds were obligated by A.I.D.  
Total through 6/30/74: \$3,226,000

COUNTRY : Ghana  
Project Name: Population Program Support  
Project No. : 641-15-580-064  
Began : Fiscal Year 1971  
Estimated Termination Date: June 1975

Description:

This project provides funding to support participant trainees to upgrade technical capabilities of Ghana National Family Planning Program personnel.

Twenty participants were funded under this project as of June 30, 1972. Fifteen of these, representing the GNFP and the Ministries of Health and Social Welfare, have attended the Chicago Family Planning Workshop. The remaining five, from the Ghana Central Bureau of Statistics, were enrolled in courses relating to population at the U.S. Bureau of the Census or appropriate universities.

During FY 1973 AID funded eleven participants, the majority attended short-term courses--family records systems, family planning program administration, and the University of Connecticut's training workshop.

Funding:

FY 1973 - \$234,000 grant funds were obligated by A.I.D.  
FY 1974 - \$224,000 grant funds were obligated by A.I.D.  
Total through 6/30/74: \$599,000

COUNTRY : Ghana  
Project Name: Management of Rural Health Services  
Project No. : 641-11-590-068  
Contractor : University of California, Los Angeles  
Began : Fiscal Year 1974  
Estimated Termination Date: Fiscal Year 1980

Description:

This project is intended to raise the quality of planning and management within Ghana's existing health care system and thus improve the effectiveness of the rural health delivery system.

Within the Ghanaian health delivery system a disproportionate amount of available resources are directed at the urban centers serving only 20 percent of the population. Improving the rural health delivery system in concert with other developmental efforts would substantially contribute to development in the rural areas.

The project design was completed in FY 1974 and resulted in the decision to implement the project in two phases. A contract was being negotiated with the University of California at Los Angeles, and was to be signed in the fourth quarter of FY 1974. Activities during the first 12 months will concentrate on identifying the specific areas in health which would be most significantly affected by improved operational planning and management; designing a management system appropriate for the Ghanaian Ministry of Health, and designing the second five-year phase of the project which will provide for the actual installation and development of such a management system.

Funding:

FY 1974 - \$340,000 grant funds were obligated by A.I.D.  
Total through 6/30/74 - \$340,000

KENYA

FY 1973 Foreign Assistance funds totaling \$12.2 million were obligated for activities in Kenya. Of this amount, \$155,000 was obligated for one health project, Population Dynamics, 615-11-580-141.

In FY 1974, \$11.6 million was obligated for A.I.D. activities, which included \$335,000 for the above project.

COUNTRY : Kenya  
Project Name: Population Dynamics  
Project No. : 615-11-580-141  
Began : Fiscal Year 1969  
Estimated Termination Date: Fiscal Year 1978

Description:

The Government of Kenya has embarked on a nationwide family planning program. A.I.D. is supporting the Government's program by providing advisors and equipment, including contraceptives. The project was designed to: (1) provide assistance to the Government of Kenya (GOK) to carry out a census of its population in the latter part of 1969; and (2) assist the Ministry of Health in improving a family planning education program.

A demographer, a data processing advisor, and two short-term census experts from the U.S. Census Bureau planned, executed and analyzed the August 1969 Kenya Census, regarded as the finest census Kenya has had. It revealed that Kenya is growing at 3.4% annually and has created public awareness of Kenya's population problems. An audio-visual specialist and a health educator arrived in July 1970 to assist the Ministry of Health prepare a comprehensive work plan on health education. They have developed useful family planning education materials. The demographer from the U.S. Census Bureau completed his analysis and final calculations in late 1971. Efforts over the past three years have resulted in setting the stage for programming which will complement GOK initiatives in family planning.

The POPLAB (Demographic Studies) activity, which began late in FY 1972, was continued through FY 1974. FY 1972 funds provided initial training in the U.S. for five participants on master's programs in public health administration. A.I.D. intends to continue to provide support to the Kenyan program with U.S. training for family planning personnel, technical and commodity assistance for the Ministry of Health's public health education activities, and continuation of technical assistance in the area of demographic studies.

Funding:

FY 1973 - \$155,000 grant funds were obligated by A.I.D.  
FY 1974 - \$335,000 grant funds were obligated by A.I.D.  
Total through 6/30/74: \$1,305,000

Lesotho

In FY 1973 and FY 1974 Foreign Aid funds amounting to \$100,000 and \$114,000 respectively were obligated for Self-Help Development project activities only. Included in this amount was \$11,000 for Special Population Activities, 632-11-580-500 in FY 1973 and \$19,000 in FY 1974.

LIBERIA

FY 1973 Foreign Assistance funds totaling \$16.1 million were obligated for A.I.D. activities in Liberia. Of this amount, \$1.372 million was obligated for two health projects: National Medical Center, 669-11-540-054; and Maternal and Child Health Training, 669-11-540-110.

In FY 1974, \$2.7 million was obligated for A.I.D. activities, of which \$1.274 million was for the National Medical Center project.

COUNTRY : Liberia  
Project Name: National Medical Center  
Project No. : 669-11-540-054  
PASA No. : PHS-AFR 36-85  
Contractor : U.S. Public Health Service  
Began : Fiscal Year 1961  
Estimated Termination Date: Fiscal Year 1977

**Description:**

The purpose of this project is to provide assistance in developing a National Medical Center which serves as the nucleus for Liberian health and medical care. Under this project, the U.S. Public Health Service provides advisory and operational staff for the Center and for the training of paramedical personnel. The Center includes the new John F. Kennedy Hospital building and the Tubman National Institute of Medical Arts (TNIMA) which is located in the hospital. These facilities were constructed and equipped with the help of a \$6.8 million A.I.D. loan. An additional facility administered by the National Medical Center is a 150 bed maternity hospital.

Since admitting the first patients in July 1971, the hospital has become fully operational. The average daily in-bed census is approximately 190. The out-patient department is now handling over 5,000 people per month. The U.S. Public Health Service team is continuing to provide the administrative leadership in the operation of the center as well as classroom instruction in environmental sanitation, nursing, and health education at the TNIMA training center. In FY 1975 the project will be expanded to include development of an outreach program (health delivery system) to give people in rural areas access to health services.

**Funding:**

FY 1973 - \$1,276,000 grant funds were obligated by A.I.D.  
FY 1974 - \$1,274,000 grant funds were obligated by A.I.D.  
Total through 6/30/74: \$14,740,000

COUNTRY : Liberia  
Project Name: Maternal and Child Health Family Planning  
Training  
Project No. : 669-11-540-110  
Began : Fiscal Year 1969  
Estimated Termination Date: Fiscal Year 1974

Description:

The purpose of this project is to provide in-service training in maternal and child health, and family health services for nurses, midwives and other paramedical personnel. Training was also being provided for physicians and supervisory nurses in organization, administration and operation of family planning activities as an integral part of maternal child health services.

A.I.D. has supported the training of 200 nurse-midwives over a five-year period. Training is primarily directed toward those serving in rural parts of the country. A public health nurse and a nurse-midwife furnished by A.I.D. assisted in strengthening basic nursing curriculum to include maternal and child health, and public health nursing aspects. The graduates of three short courses are provided with materials and instructional aids to prepare them to: (1) conduct classes in MCH/FP services for other paramedical personnel; and (2) organize lay groups (mothers and fathers) for classes and demonstrations which will include antenatal, postnatal and infant care nutrition, child feeding and family planning. Participant training has been included in the project.

Funding:

FY 1973 - \$96,000 grant funds were obligated by A.I.D.  
FY 1974 - No grant funds were obligated by A.I.D.  
Total through 6/30/74: \$355,000

Malawi

In FY 1973, Foreign Aid funds in the amount of \$49,000 were obligated for Special Population Activities, 612-11-580-500.

In FY 1974, \$48,000 was obligated.

Mauritania

In FY 1973, Foreign Aid funds amounting to \$24,00 were obligated for Special Population Activities, 682-11-580-500.

MOROCCO

FY 1973 Foreign Assistance funds totaling \$11.7 million were obligated for A.I.D. activities in Morocco. Of this amount, \$510,000 was obligated for two health projects. They were: Demographic Research Center, 608-11-570-109; and Family Planning Support, 608-11-580-112. In addition, a continuing project, Water Supply, 608-22-521-096, required no further funding.

In FY 1974, \$1.285 million was obligated for A.I.D. activities, of which \$410,000 was for the two population activities above.

COUNTRY : Morocco  
Project Name: Water Supply Kenitra/Rabat/Casablanca  
Project No. : 608-22-521-096  
Loan No. : 608-H-040  
Authorized : July 10, 1970  
Signed : January 27, 1971

Description:

This loan provides funding for certain engineering services in connection with the Kenitra/Rabat/Casablanca water system. A contract was made with a U.S. engineering firm to conduct the engineering supervision of the construction of a dam on the Bow Regreg River near Rabat to supply water to the coastal cities. The dam was expected to be completed in 1973.

Funding:

Loan Agreement Amount : \$800,000  
Amount Utilized 6/30/74: \$795,991

COUNTRY : Morocco  
Project Name: Demographic Research Center (CERED)  
Project No. : 608-11-570-109  
Contract No.: csd-2495  
Contractor : University of North Carolina  
Began : Fiscal Year 1972  
Estimated Termination Date: Fiscal Year 1975

Description:

A Demographic Research Center (Centre de Recherche Demographique CERED) is being developed with A.I.D. assistance. The main objective is conducting research in demographic measurements and providing a flow of demographic data from the CERED sampling areas, which will be used in development planning.

The laboratory, a Moroccan institution, has been assisted by the University of North Carolina under a contract with A.I.D.

Funding:

FY 1973 - \$200,000 grant funds were obligated by A.I.D.  
FY 1974 - \$140,000 grant funds were obligated by A.I.D.  
Total through 6/30/74: \$609,000

COUNTRY : Morocco  
Project Name: Family Planning Support  
Project No. : 608-11-580-112  
Began : Fiscal Year 1972  
Estimated Termination Date: Fiscal Year 1977

Description:

This project funds support personnel and training for census and family planning programs. In FY 1973, this support included technical advice by one public health physician, provision of contraceptive supplies, audio-visual and gynecological equipment and a local currency grant toward the new National Family Planning Center. Construction of the Center was begun in FY 1973.

Funding:

FY 1973 - \$310,000 grant funds were obligated by A.I.D.  
FY 1974 - \$270,000 grant funds were obligated by A.I.D.  
Total through 6/30/74: \$951,000

Niger

In FY 1973 and FY 1974, Foreign Aid funds amounting to \$19,000 and \$5,000 respectively, were obligated for Special Population Activities, 698-11-580-500.

NIGERIA

FY 1973 Foreign Assistance funds totaling \$10.6 million were obligated for A.I.D. activities in Nigeria. Of this amount, \$830,000 was obligated for one health project, Family Health Training, 620-11-580-798. On going activities included one prior year loan funded project, Ibadan Water Supply, 620-22-521-720.

In FY 1974, \$3.5 million was obligated for A.I.D. activities, of which \$225,000 was for Family Health Training.

COUNTRY : Nigeria  
Project Name: Ibadan Water Supply  
Project No. : 620-22-521-720  
Loan No. : 620-H-004  
Authorized : Fiscal Year 1963  
Signed : December 8, 1963  
Amendment A : Signed April 11, 1968  
Amendment B : Signed February 18, 1969  
Amendment C : Signed March 9, 1971

Description:

This project provides for the construction of a dam, storage reservoirs, and a water treatment plant with a capacity of 18 million gallons per day. It provides also for the transmission water system to Ibadan and for major distribution mains.

During FY 1970 the contract was let for construction of the water treatment plant which was to be operating by April 1972. Present water supply was increased by 3,000,000 gallons through use of a temporary supply system.

A.I.D. has contracted with the following companies:

Management : Stanley Consultants Incorporated  
Muscotine, Iowa

Design Engineering : Gilbert Associates  
Reading, Pennsylvania

Construction : (1) PreLoan, Inc., Stanford, Connecticut  
(2) Interpace, Parsippany, New Jersey  
(3) Pascal & Ludwig, Upland, California

Funding:

Loan Agreement Amount : \$24,300,000  
Amount Utilized 6/30/74: \$23,493,980

In addition to the original \$12.1 million, an amendment was authorized April 23, 1967 for \$4.6 million, and the agreement was signed April 11, 1968. On June 17, 1968, an additional authorization of \$5.1 million was authorized and the loan agreement was signed February 18, 1969. Amendment C in the amount of \$2,500,000 was signed March 9, 1971.

COUNTRY : Nigeria  
Project Name: Family Health Training  
Project No. : 620-11-580-789  
Contractor : Johns Hopkins University  
Began : Fiscal Year 1973  
Estimated Termination Date: Fiscal Year 1975

Description:

This project is designed to improve the system of delivering health care to children under five years of age by strengthening the training capacity of the Institute of Child Health at the University of Lagos. The purpose of this project is to use nurses and midwives as primary deliverers of health services to children under five years old and as dispensers of family planning services and counselling to the mothers, first in an urban community in Lagos, secondly at a rural site near Lagos, and subsequently at other locations in Nigeria to be selected during the course of the project. A training program for nurses and other medical personnel and a model pediatric/family planning clinic will be operated. The nurses trained will be capable of training others and setting up model clinics in their home areas, and the program will provide consultants to ministries of health and communities desiring to establish model clinics.

A contract was signed in November 1973 with Johns Hopkins University to undertake the project. A Nurse-Advisor was on board in January 1974. Consultant services have been provided by the contractor and the first of six Institute of Child Health staff has been sent to the U.S. for one-year's training.

The model clinic in Lagos opened in July 1974. Its staff has been trained and its baseline areas survey completed.

Other outreach centers will receive grants under this project

In addition to the training and consultancy services of the ICH, its overall program includes demographic and related research and an integral evaluation system. The evaluation unit will extend its services to each of the outreach centers with which ICH cooperatively works.

Funding:

FY 1973 - \$830,000 grant funds were obligated by A.I.D.  
FY 1974 - \$225,000 grant funds were obligated by A.I.D.  
Total through 6/30/74: \$1,055,000

Rwanda

In FY 1973 Foreign Aid funds in the amount of \$11,000 were obligated for A.I.D. support to Special Population Activity, 696-11-580-500. In FY 1974, \$51,000 was obligated.

Senegal

In FY 1973 Foreign Aid funds were obligated for Special Population Activity, 685-11-580-500, in the amount of \$5,000. In FY 1974 \$5,000 was obligated.

SOUTH AFRICA REGIONAL

FY 1973 Foreign Assistance funds totaling \$20.623 million were obligated for A.I.D. activities. Of this amount, \$510,000 was for one health project, Maternal and Child Health, Family Planning Training, 690-11-540-932.

In FY 1974, \$16.4 million was obligated for A.I.D. activities, of which \$74,000 was for the above project.

COUNTRY : Southern Africa Regional-OSARAC  
Project Name: Maternal/Child Health Family Planning  
Training  
Project No. : 690-11-540-932  
Contract No.: AID/CM/pha C-73-8  
Contractor : Meharry Medical College  
Began : Fiscal Year 1973  
Estimated Termination Date: Fiscal Year 1976

Description:

The purpose of this project will assist the Government of Botswana in the development of a cadre of public health personnel capable of staffing the urban and rural health facilities and providing essential health services--health promotion, maternal and child health/family planning and preventive health--for the country's population.

The project will train personnel for staffing of rural health facilities, prepare an integrated curriculum for use in the basic nurse training schools, train selected teaching staff, develop field training facilities, and establish a health education unit and postnatal family planning services.

The Botswana Government has instructed that child spacing services be offered in all hospitals and rural health centers. The Government is planning to provide a health facility for every 15,000 people or a total of 50 clinics and 150 health posts.

A.I.D. through a contractor, Meharry Medical College, is providing three Public Health Nurses to be stationed at regional training centers, one Public Health Educator to assist with the development of a health education unit, and an Administrative Assistant to provide general support for project activities. The Administrative Assistant arrived in Botswana in March 1973; the others arrived early in FY 1974. The staff will provide in-service training for most of the nurses currently working in the country and assist with revision of nursing curricula in order that future nurses will receive MCH/FP as part of their basic training.

The Government of Norway (NORAD) will provide capital and recurrent costs to construct and run these installations (Danish International Development Agency), UNDP/WHO, and UNFPA are also assisting in the health sector.

Funding:

FY 1973 - \$510,000 Title X funds were obligated by A.I.D.  
FY 1974 - \$ 74,000 Title X funds were obligated by A.I.D.  
Total through 6/30/74 - \$584,000

**SOMALI REPUBLIC**

There were no Foreign Assistance funds obligated for Somali in FY 1973 or FY 1974.

Loan funds were committed in a prior year for Mogadiscio Water System, 649-52-520-037.

COUNTRY : Somali Republic  
Project Name: Mogadiscio Water System  
Project No. : 649-52-520-037  
Loan No. : 649-H-005  
Authorized : Fiscal Year 1967  
Signed : Fiscal Year 1968

Description:

This project is designed to enable the Somali Government to realize a potable water supply for its capital city.

The Mogadiscio Water Agency was established as an autonomous body by law in December 1967. A management team of U.S. water utility management personnel was selected to assist the Mogadiscio Water Agency in establishing and initially operating the water supply utility. A contract was signed in May 1968 with the Middle West Service Company, Chicago, with grant financing.

The Parsons Corporation, Los Angeles, developed the well field and designed the distribution system. Johnson Pump Company of California was awarded the bid for pumps. On December 24, 1970, Amelco, Hawaii, was awarded the construction contract. Target date for completion was March 1973.

Funding:

Loan Agreement Amount : \$8,500,000  
Amount Utilized 6/30/72: \$7,067,936

Swaziland

In FY 1973 Foreign Aid funds in the amount of \$49,000 were obligated for Manpower Training Program (MCH) Aides, 645-11-580-500. In FY 1974, funds in the amount of \$15,000 were obligated.

TANZANIA

FY 1973 Foreign Assistance Funds totaling \$7.2 million were obligated for A.I.D. activities. Of this amount, \$3.064 million was for one health project, Manpower Training Project (MCH Aides), 621-11-580-121.

In FY 1974, \$6.2 million was obligated for A.I.D. activities, of which \$1.165 was for the above project.

**COUNTRY** : Tanzania  
**Project Name:** Manpower Training Program for Maternal  
Child Health Planning  
**Project No. :** 621-11-580-121  
**Began** : Fiscal Year 1973  
**Estimated Termination Date:** Fiscal Year 1974

**Description:**

This project is intended to support a Government of Tanzania policy which emphasizes the development of rural health services, including maternal child health (MCH), family planning (FP), and preventive health services. To implement this policy, the GOT has requested assistance from a number of donors for a country-wide rural health program.

The GOT system of health delivery services consists of rural dispensaries (RD) which are responsible for preventive, educational, and simple curative health services. Each RD is linked to a rural health center (RHC) to which more complex cases are referred. The RHC's also offer services comparable to those offered at RD's for the populace in the immediate vicinity. In turn, each RHC is linked to a district hospital which refers its complex cases to one of 18 regional hospitals. The regional hospitals are linked to three national referral hospitals. The intent of the GOT is to train enough personnel (nurses, midwives, para-medicals) to have at least one maternal-child health aide (MCHA) in each RD and RHC able to provide MCH/FP services and/or advice. The GOT plan is that 2,600 MCH aides will be trained, assigned and functioning in 300 RHC's and 2,000 RD's by 1980.

In support of the GOT rural health plan, AID provided assistance in FY 1972 for construction of 18 fully equipped regional MCH/FP training centers to train the MCHA's for all RD's and RHC's and 64 out-stations, technical services, including an MCH advisor and two public health nurse-midwife instructors and consultants on other aspects of MCH/FP; program costs, on a declining scale, with the U.S. covering full operational costs for the training centers the first year, with decreasing support until the Government assumes full support the sixth year of operation; commodities; and participant training.

**Funding:**

FY 1973 - \$3,064,000 Title X funds were obligated by A.I.D.  
FY 1974 - \$1,165,000 Title X funds were obligated by A.I.D.  
Total through 6/30/74: \$4,229,000

Togo

In FY 1974 Foreign Aid funds in the amount of \$17,000 were obligated for Special Population Activity, 693-11-580-500.

TUNISIA

FY 1973 Foreign Assistance Funds totaling \$2.465 million were obligated for A.I.D. activities. Of this amount \$1.019 was for two health projects: Family Planning, 664-11-580-224; and Food and Nutrition, 664-11-560-225.

In FY 1974, \$2.296 million was obligated for A.I.D. activities, of which \$909,000 was for the above projects.

COUNTRY : Tunisia  
Project Name: Family Planning  
Project No. : 664-11-580-224  
Contractor : U.S. Public Health Service  
Began : Fiscal Year 1968  
Estimated Termination Date: Fiscal Year 1977

**Description:**

The overall objective of this project is to assist the Tunisian Government to reduce annual population growth from an estimated 2.7% at present to less than 2.3% by 1975 and progressively lower thereafter.

The specific goal of A.I.D. assistance is to help in the establishment and operation of an official Tunisian National Family Planning Program. This will include an effective central administration a capacity for effective family planning education, training, audio-visual production, research, demographic and statistical services; adequate commodity support in contraceptives, medicines and equipment; and capacity for planning and supervision of clinical services.

AID has provided a team of four professionals working with the National Office of Family Planning and Population (ONPFP). The team includes a public health trained medical doctor, management advisor, nurse-educator and health educator. Contraceptives, medicines and medical equipment required for carrying out program objectives is being furnished. U.S. funds sponsor local, U.S. and third-country training for Tunisians in specific population activities.

AID has provided budgetary support for the following special activities:

- 1) \$1 million in Tunisian dinars for local currency costs for an IRBD loan for construction of maternal and child health centers and paramedical teaching facilities.
- 2) \$2 million in local currency and technical assistance in carrying out a rehabilitation program to raise the quality of 100 health installations to provide better MCH and family planning services.

**Funding:**

FY 1973 - \$870,000 Title X funds were obligated by A.I.D.  
FY 1974 - \$562,000 Title X funds were obligated by A.I.D.  
Total through 6/30/74: \$4,101,000

COUNTRY : Tunisia  
Project Name: Food Fortification and Nutrition  
Project No. : 664-11-560-255  
Contract No.: AFR 650  
Contractor : Harvard University  
Began : Fiscal Year 1969  
Estimated Termination Date: Fiscal Year 1975

Description:

The purpose of this project is to assist Tunisia in a national effort to combat malnutrition, particularly in preschool children.

In May 1969, the Government of Tunisia issued a Decree creating the National Institute of Nutrition and Food Technology, the only one of its kind in the world, having under one overall management, human nutrition, food science and technology, nutrition education, and extension, and food economics and planning. USAID is concentrating its assistance on activities to develop and strengthen the program of the Institute.

The most important activity of the Institute is the Lysine Fortification Study which has been set up in cooperation with the Nutrition Department of the School of Public Health of Harvard University under a USAID contract. The study, started in FY 1970, will take four or five years to complete. It is designed to determine whether lysine fortification of cereals has nutritional benefit under real life conditions. If it does, the objective is to fortify all commercially milled wheat in Tunisia with lysine, vitamins, and minerals. One PHS nutrition advisor is serving with this project.

Funding:

FY 1973 - \$149,000 grant funds were obligated by A.I.D.  
FY 1974 - \$347,000 grant funds were obligated by A.I.D.  
Total through 6/30/74: \$1,276,000

UGANDA

FY 1973 Foreign Assistance funds totaling \$1.12 million were obligated for A.I.D. activities. Of this amount, \$125,000 was for one health project, Program Assistance Grant, MCH, 617-11-570-057.

In FY 1974, \$210,000 was obligated for A.I.D. activities which did not include any funds for health projects.

COUNTRY : Uganda  
Project Name: Maternal and Child Health Training  
Project No. : 617-11-570-057  
Contract No.: AFR 737  
Contractor : University of California, Berkeley  
Began : Fiscal Year 1970  
Estimated Termination Date: Fiscal Year 1974

Description:

This project was designed to increase the quality and quantity of medical, paramedical, nursing, midwife, public health, and social worker staff in a broad range of family health activities, including family planning. To carry out the objectives of the project a U.S. university contractor was selected to coordinate the project and provide U.S. staff to work with the Makerere University Medical College Staff. Medical students from the college received training in an A.I.D.-assisted pilot maternal and child health program.

Funding:

FY 1973 - \$125,000 Title X funds were obligated by A.I.D.  
FY 1974 - No Title X funds were obligated by A.I.D.  
Total through 6/30/74: \$661,000

ZAIRE

FY 1973 Foreign Assistance funds totaling \$3.592 million were obligated for A.I.D. activities. Of this amount, \$301,000 was obligated for one health project, Maternal and Child Health, 660-11-531-049.

In FY 1974, \$1.087 million was obligated for A.I.D. activities which included \$336,000 for the above project.

COUNTRY : Zaire Republic  
Project Name: Maternal and Child Health  
Project No. : 660-11-531-049  
Began : Fiscal Year 1973  
Estimated Termination Date: Fiscal Year 1978

Description:

This project is designed to expand and improve maternal and child health care service, including family planning, through the establishment of two model clinics in Kinshasa. These will be pilot areas to demonstrate what can be done to improve the lot of the Zairoise woman and her family, and to gather medical and sociological data essential to the development of a nationwide family planning program.

Fonds Medical de Coordination (FOMECO) is a para-governmental committee coordinating population activities. Since February 1973 AID has supported a maternal and child health/family planning program being carried out with Mama Yemo General Hospital in Kinshasa. The program will move to satellite clinics where paraprofessional personnel will receive training from Mama Yemo personnel. This is to be supplemented by a team of trainers from AID-financed Organization for Rehabilitation Through Training (ORT).

Funding:

FY 1973 - \$301,000 Title X funds were obligated by A.I.D.  
FY 1974 - \$336,000 Title X funds were obligated by A.I.D.  
Total through 6/30/74 - \$1,164,000

Zambia

In FY 1974 Foreign Aid funds amounting to \$29,000 were obligated for Special Population Activity, 611-11-580-500.



## ASIA REGIONAL

### Program Plans

During the decade of the 1960's, the rate of social progress and economic development improved significantly. This section is addressed to health programs administered through the Bureau for Asia which includes Afghanistan, Bangladesh, India, Indonesia, Korea, Nepal, Pakistan, Philippines, Turkey and Yemen.

Technical Assistance activities supported by A.I.D. was to be concentrated among the following sectors: food and nutrition, population and health, human resources and selected development problems.

One-third of the development loan funds requested for FY 1974 were in support of food production and rural development.

### Program Implementation

Fiscal Year 1973 Foreign Assistance funds amounting to \$151.3 million were obligated for A.I.D. activities in the countries of this region. Of this total, \$23.7 million (15.6%) was obligated for health, population, and nutrition activities. In FY 1974, \$60.9 million (40%) of \$151.3 million was obligated for health, population and nutrition activities. See Table 7 on page 86.

There were no loan funded health projects in FY 1973; however, three loans were committed in FY 1974. There were: Indonesia, Malaria Control, 497-U-034; Korea, Seoul Sewage, 489-U-089; and Philippines, Local Water Distribution, 492-U-033.

The amount of funds obligated for health, population, and nutrition projects, by country or other allocation is shown on Table 8 on page 88.

The distribution of active projects in FY 1973 and FY 1974 and the number of countries with projects is shown below:

Projects	FY 1973	FY 1974	No. of Countries
Total	25*	30*	12**
Health	6	12	5
Population	18	17	7
Nutrition	1	1	1

\* In addition to country projects, the total number of projects in this chart includes regional activities.

\*\*This total reflects the number of countries in the Asia Region which have health, population, and nutrition activities. It does not include regional activities which involve more than one country.

Table 9 on page 89 shows the amounts of funds obligated for health projects by type of activity and country or other allocation.

Table 7

Funds obligated for A.I.D. activities and amount and percentage for health, population and nutrition projects by country or other allocation, Asia Region, FY 1973 and FY 1974.

FY 1973

Allocation	Total	Health Population & Nutrition	Percentage for Health, Population & Nutrition
	(thousands of dollars)		
<b>Total</b>	151,259	23,726	15.6
Regional	3,074	202	6.5
Afghanistan	27,058	1,144	4.2
Bangladesh	1,524	1,500	98.4
East Asia Regional	10,867	-	-
India	1,867	297	15.9
Indonesia	42,728	5,352	12.5
Korea	30,735	200	.6
Nepal	3,787	2,045	54.0
Pakistan	12,096	6,284	51.9
Philippines	12,244	5,981	48.8
Turkey	2,771	91	3.2
Yemen	2,030	630	31.0

Table 7

Funds obligated for A.I.D. activities and amount and percentage for health, population and nutrition projects by country or other allocation, Asia Region, FY 1973 and FY 1974.

FY 1974

Allocation	Total	Health Population & Nutrition	Percentage for Health, Population & Nutrition
(thousands of dollars)			
<b>Total</b>	<b>151,844</b>	<b>60,874</b>	<b>40.0</b>
Regional	8,285	687	8.2
Afghanistan	7,843	1,517	19.3
Bangladesh	2,171	750	34.5
East Asia Regional	8,436	-	-
India	-	-	-
Indonesia	65,140	29,796	45.7
Korea	6,755	3,384	50.0
Nepal	2,249	1,095	48.6
Pakistan	9,802	2,514	25.6
Philippines	27,811	19,804	72.0
Turkey	10,823	302	2.7
Yemen	2,108	1,025	48.6

**Table 8**

**Funds obligated for health, population and nutrition projects by country or other allocation, Asia Region, FY 1973 and FY 1974.**

Area	Total		Health		Population		Nutrition	
	1973	1974	1973	1974	1973	1974	1973	1974
<b>Total</b>	23,726	60,874	1,648	45,632	22,008	14,947	70	295
Regional	202	687	-	618	202	69	-	-
Afghanistan	1,144	1,517	-	-	1,144	1,517	-	-
Bangladesh	1,500	750	-	-	1,500	750	-	-
India	297	-	97	-	130	-	70	-
Indonesia	5,352	29,796	-	24,726	5,352	5,070	-	-
Korea	200	3,384	-	3,300	200	84	-	-
Nepal	2,045	1,095	714	446	1,331	649	-	-
Pakistan	6,284	2,514	-	17	6,284	2,497	-	-
Philippines	5,981	19,804	207	15,500	5,774	4,009	-	295
Turkey	91	302	-	-	91	302	-	-
Yemen	630	1,025	630	1,025	-	-	-	-

Table 9 Funds obligated for health projects by type of activity and country or other allocation, Asia Region, FY 1973 and FY 1974 (\$1,000's).

FY 1973

Allocations	Total	Delivery of Health Services	Health Planning and Analysis	Environmental Sanitation	Specific Disease Control	Health Administration and Management	Other
Total	1,648	265		630	656	97	
India	97					97	
Nepal	714	265			449		
Philippines	207				207		
Yemen	630			630			

FY 1974

Total	45,632	131	500	19,325	25,633	43	
Regional	618				618		
Indonesia	24,726				24,700*	26	
Korea	3,300		500	2,800*			
Nepal	446	131			315		
Pakistan	17						17
Philippines	15,500			15,500*			
Yemen	1,025			1,025			

\* Development Loans

**HEALTH, POPULATION AND NUTRITION PROJECTS  
ASIA REGION  
FY 1973 - FY 1974**

<u>Area</u>	<u>Project Number</u>	<u>Title</u>	<u>Contractor</u>	<u>FY 1973 Funds</u>	<u>FY 1974 Funds</u>
Regional	298-11-510-020	Cholera Research Laboratory	DHEW/NIH NESA NIH(HA) 22-72	---	618,000
Regional	298-15-580-200	Colombo Plan - Population		(135,000)*	(25,000)
Regional	932-11-580-200	East-West Center Population Institute	U. of Hawaii ea-32	(1,047,000)*	(926,000)*
Regional	498-11-580-200	Regional Population Development (RED)		202,000	69,000
Regional	932-11-570-609	Seminar for Asia Trade Union Women on Labor and Population		---	---
Regional	932-15-580-019	Population/Family Research in the Middle East	American U. in Cairo, nesa-547	(270,000)*	60,000
Regional	298-15-580-110	Introduction of Family Planning in Rural Health Clinics	Medical Assistance Programs, nesa-554	---	---
CENTO	290-11-580-250	Population and Family Planning		(3,000)*	(26,000)*
Afghanistan	306-11-570-110	Population and Family Planning	SUNY-nesa-519 MSH-AID/pha-C-1037	1,144,000	1,517,000
Bangladesh	388-11-580-001	Population and Family Planning		1,500,000	750,000

\*AID/W funded

<u>Area</u>	<u>Project Number</u>	<u>Title</u>	<u>Contractor</u>	<u>FY 1973 Funds</u>	<u>FY 1974 Funds</u>
Bangladesh		Relief and Rehabilitation			7,778,000*
India	386-15-580-332	Population and Family Planning		131,000	---
India	386-11-560-380	Nutritional Foods Development		70,000	---
India	386-15-599-396	Technical Support - Health		97,000	---
Indonesia	497-15-580-188	Family Planning		5,352,000	5,070,000
Indonesia	497-U-034	Malaria Control Loan		---	24,700,000
Indonesia	497-11-999-233.4	Project Development		---	26,000
Korea	489-11-580-649	Health and Family Planning		200,000	84,000
Korea	489-11-590-708	Health Planning		---	500,000
Korea	489-U-089	Seoul Sewage		---	2,800,000
Nepal	367-11-590-227	Integration of Health Services		265,000	131,000
Nepal	367-11-511-014	Malaria Eradication		449,000	315,000
Nepal	367-11-580-096	Family Planning	U. of Calif. AID/pha-C-1051	1,331,000	649,000
Pakistan	391-11-580-256	Family Planning		1,173,000	1,891,000
Pakistan	391-11-580-370	Family Planning Technical Support		96,000	
Pakistan	391-11-580-384	Population Planning		342,000	56,000

\*Relief and Rehabilitation Grant - not included in funding totals.

<u>Area</u>	<u>Project Number</u>	<u>Title</u>	<u>Contractor</u>	<u>FY 1973 Funds</u>	<u>FY 1974 Funds</u>
Pakistan	391-11-580-393	Expanded Population Planning		,673,000	550,000
Philippines	492-11-510-013	Malaria Eradication		207,000	---
Philippines	492-11-580-220	Family Planning	U. of N. Carolina ea-154 U. of Chicago AID 492-154-T	5,774,000	4,009,000
Philippines	492-56-996-263	Local Water Development		---	500,000
Philippines	492-U-033	Local Water Distribution		---	5,000,000
Philippines	492-11-560-252	Nutrition Project	VPI & SU, ea-37		295,000
Turkey	272-11-580-000	Population Technical Support		91,000	30,000
Turkey	227-H-083	Hacettepe University		---	---
Turkey	277-H-068	Family Planning Program		---	---
Turkey	277-11-570-606	Turkish Demographic Survey Center		---	272,000
Yemen	279-11-521-017	Taiz Water Rehabilitation		330,000	70,000
Yemen	279-11-521-021	Sanaa Water Supply		300,000	160,000
Yemen	279-11-525-022	Rural Water Supply		---	795,000

### ASIA REGIONAL PROJECTS

The objective of the Regional Development Grant program is to encourage Asian nations to cooperate on matters of mutual interest and solve problems through joint action.

FY 1973 Foreign Assistance Funds totaling \$3.074 million were obligated for Asia Regional Activities. Of this amount \$202,000 was obligated for one population project, Regional Population Development (RED), 498-11-580-200. In addition two projects continued active but required no funding, Cholera Research Laboratory, 298-15-580-110.

In FY 1974 \$8.285 million was obligated for A.I.D. activities. This included \$687,000 for Cholera Research Laboratory, and Regional Population Development.

In addition, funds were used in FY 1973 and FY 1974 for three non-health projects of regional scope that had health components. These were: Asian Institute of Technology, 498-11-660-114; Southeast Asia Development Advisory Group, 498-11-990-208; and Regional Education Development (SEAMES), 498-11-690-198.

The Asian Institute of Technology is a regional institution, located in Bangkok, for graduate study and research in engineering responsive to the needs of Southeast Asia. Since its establishment a decade ago it has developed into a recognized institution offering graduate programs in hydraulics, transportation, structures, soils and public health engineering.

The Southeast Asia Development Advisory Group's scholars are drawn from over 66 universities, 32 foundations and similar nonprofit bodies, A.I.D. and other U.S. agency officials, covering at least 13 disciplines of the social and natural sciences. Ten groups meet two to three times a year, with Asian representatives participating in the deliberations, to exchange ideas on various fields of inquiry. Research on population movements and dynamics is an example of one of the health-related activities carried on by the institutions represented by SEADAG members.

The Regional Education Development project assists countries of Southeast Asia in the development of regional education programs. Under the Southeast Asia Ministers of Education Organization, a Permanent Secretariat (SEAMES) was established in January 1969, representing founding members Indonesia, Laos, Malaysia, the Philippines, Singapore, Thailand, and the Republic of Vietnam. Among the regional educational centers receiving support from the U.S. is the Regional Tropical Medicine and Public Health (TROPMED) program, which is underway at cooperating national centers in Indonesia, Laos, Malaysia, the Philippines, Singapore, Thailand, and Vietnam.

**ASIA REGIONAL**

**Project Name:** Cholera Research Laboratory  
**Project No. :** 298-11-510-020  
**PASA No. :** nesa NIH(HA) 22-72  
**Began :** Fiscal Year 1959  
**Estimated Termination Date:** Fiscal Year 1978

**Description:**

The goal of this project is to develop and demonstrate improved techniques for the prevention and eventual control of cholera. It is hoped that the end result will be an improved cholera vaccine. Field research and tests are carried out at the laboratory facilities in Bangladesh while related research and production is carried out in the United States. Operations in Bangladesh and in the United States are under the immediate scientific direction of the U.S. National Institutes of Health, Department of Health, Education, and Welfare.

Simplified methods for the diagnosis and treatment of cholera have been developed and field tested by the Cholera Research Laboratory in Dacca. The Cholera vaccine currently available provides up to 75% protection for approximately six months. Research conducted in the United States as part of this project has resulted in the development of a cholera toxoid which, it is hoped, will give greater and longer lasting protection. Preliminary steps toward the scheduled three-to-five year testing period of this toxoid are now being completed, with vaccine deliveries to test sites delivered during the Spring of 1974 and full-scale tests scheduled to be underway later in 1974.

**Funding:**

FY 1973 - No grant funds were obligated by A.I.D.  
FY 1974 - \$618,000 grant funds were obligated by A.I.D.  
Total through 6/30/74: \$3,122,000

**ASIA REGIONAL**

**Project Name: Colombo Plan - Population**

**Project No. : 298-15-580-200**

**Began : Fiscal Year 1969**

**Estimated Termination Date: Fiscal Year 1973**

**Description:**

A.I.D. supported the salary of the Population Advisor to Colombo Plan countries. Alternate funding was being sought following five years of A.I.D. funding.

**Funding:**

FY 1973 - \$135,000\* Title X funds were obligated by A.I.D.

FY 1974 - \$ 25,000\* Title X funds were obligated by A.I.D.

Total through 6/30/73 - \$252,000

\*Fund from AID/W Non-Regional Title X project funds.

**ASIA REGIONAL**

**Project Name:** East West Center Population Institute  
**Project No. :** 932-11-580-200  
**Contract No.:** ea-32  
**Contractor :** University of Hawaii  
**Began :** Fiscal Year 1968  
**Estimated Termination Date:** Continuing

**Description:**

Through this project grant funds are provided to the East-West Center, University of Hawaii, to establish a program for Asians and Americans to study population dynamics in Asia and the Pacific area. It has the capability to provide graduate and short-term training to family planning specialists; to assist cooperating governments and institutions in the development of demographic and social science research competence, and to provide assistance in development of projects designed to control fertility rates.

**Funding:**

FY 1973 - \$1,047,000\* Title X funds were obligated by A.I.D.  
FY 1974 - \$ 926,000\* Title X funds were obligated by A.I.D.  
Total through 6/30/74 - \$5,880,000

\*Fund from AID/W Non-Regional Title X project funds.

**ASIA REGIONAL**

**Project Name: Regional Population Development (RED)**

**Project No. : 498-11-580-200**

**Began : Fiscal Year 1970**

**Estimated Termination Date: Continuing**

**Description:**

This project provides for financing a secretariat, the Inter-Government Coordinating Committee, for nine Southeast Asia countries to promote family planning and population programs in the Asian-Pacific area.

FY 1974 was the last year of AID's commitment for administrative budget support for IGCC. The nine member governments have agreed to contribute toward this budget beginning July 1, 1974.

**Funding:**

FY 1973 - \$202,000 Title X grant funds were obligated by A.I.D.  
FY 1974 - \$ 69,000 Title X grant funds were obligated by A.I.D.  
Total through 6/30/74: \$574,000

**ASIA REGIONAL**

**Project Name:** Seminar for Asia Trade Union Women  
on Labor and Population  
**Project No. :** 932-11-570-609  
**Began :** Fiscal Year 1973  
**Estimated Termination Date:** March 1975

**Description:**

A grant was made to assist the Philippine Department of Labor to carry out a regional seminar for leading women trade unionists of fifteen Asian countries to prepare them to assume a greater responsibility in alternative roles for women in society.

**Funding:**

FY 1973 - No Title X funds were obligated by A.I.D.  
FY 1974 - No Title X funds were obligated by A.I.D.  
Total through 6/30/74 - \$43,000

**ASIA REGIONAL**

**Project Name: Population Family Research in the Middle East**

**Project No. : 932-15-580-019**

**Contract No.: nesa-547**

**Contractor : American University in Cairo**

**Began : Fiscal Year 1971**

**Estimated Termination Date: Fiscal Year 1974**

**Description:**

A three-year comprehensive research project is being undertaken by the contractor to make a systematic investigation of factors related to population growth in a Moslem culture.

**Funding:**

FY 1973 - \$270,000\* Title X funds were obligated by A.I.D.

FY 1974 - \$ 60,000\* Title X funds were obligated by A.I.D.

Total through 6/30/74 - \$600,000

\*Fund from AID/W Non-Regional Title X project funds

**ASIA REGIONAL**

**Project Name:** Introduction of Family Planning in  
Rural Health Clinics

**Project No. :** 298-15-580-110

**Contract No.:** nesa-554

**Contractor :** Medical Assistance Programs, ....

**Began :** Fiscal Year 1972

**Estimated Termination Date:** Fiscal Year 1976

**Description:**

A contract with Medical Assistance Programs, Inc., a voluntary agency, provides advisory services for integrating family planning into basic health services. Initial activity under this contract included training programs in maternal and child health programs in Afghanistan.

**Funding:**

FY 1973 - No Title X funds were obligated by A.I.D.

FY 1974 - No Title X funds were obligated by A.I.D.

Total through 6/30/74 - \$107,000

Office of the U.S. Coordinator of CENTO Affairs

The U.S. assists the Central Treaty Organization to build a community of interest among the CENTO countries, Iran, Pakistan and Turkey, and to encourage regional cooperation and self-help in economic development by these countries. These objectives have been pursued by the U.S. primarily through a small technical assistance program which brings together specialists from the three member countries, as well as the U.S., in conferences and workshops. These have emphasized agriculture education, and health.

In FY 1973, A.I.D. contributed Foreign Aid funds totaling \$478,000 for projects supported by the Office of the U.S. Coordinator of CENTO Affairs. In FY 1974, A.I.D. funds totaled \$421,000. These funds are administered by the CENTO countries in the region, the U.S., and the United Kingdom.

Two projects have significant health components. These are: Multilateral Technical Cooperation Fund, 290-11-995-114; and Support of Technical Assistance Projects, 290-11-999-113. The former financed the exchange of experts from within the CENTO countries, and provided scholarships for study at universities in the region. The latter continued a regional technical assistance program begun in 1959 which provided U.S. support for regional conferences, travel seminars, workshops, advisory services and consultant contracts. Among the CENTO health activities in FY 1973 and FY 1974 were the following:

A conference on the Methodology of National Health Planning was held in Istanbul, Turkey from January 8-12, 1973. The following U.S. consultants participated in the conference:

Dr. William H. Stewart, Chancellor,  
Louisiana State University Medical Center

Dr. Joe H. Davis, Chief, Health Planning, USPHS and A.I.D.,  
Washington

Dr. William Andrew Reinke, Professor of International Health  
Johns Hopkins School of Hygiene and Public Health

Dr. Carl M. Stevens, Professor of Economics,  
Harvard University

A symposium on Pediatrics was held in Ankara, Turkey, from November 20-24, 1972. Consultants from the U.S. included:

Saul Krugman, Professor and Chairman,  
Department of Pediatrics, New York University School of Medicine

Harry L. Barnett, N.D., Professor of Pediatrics,  
Albert Einstein College of Medicine

Dr. Charles D. Cook, Professor of Pediatrics,  
Yale University School of Medicine

A seminar on the Epidemiology of Non Medical Drug Use was held in Izmir, Turkey from October 7-11, 1974. Those participating from the U.S. included:

Prof. W. H. McGlothlin, Ph.D., Department of Psychology,  
University of California at Los Angeles

Prof. Lee N. Robbins, Ph.D., Prof. of Sociology in Psychiatry,  
Washington University School of Medicine

Prof. Louise G. Richards, Ph.D., National Institute on Drug Abuse,  
Division of Research, National Institutes of Health,  
Department of Health, Education, and Welfare

**Dr. Mark Greene, M.D., Special Action Officer for Drug Abuse Prevention.**

Population and family planning activities were funded under project, Population and Family Planning, 290-11-580-250 in the amount of \$3,000 in FY 1973 and \$26,000 in FY 1974 to finance training of leaders of family planning programs from Iran, Pakistan and Turkey. This also included preparation for CENCO workshops and seminars on population and family planning. One such seminar was hosted by the Government of Iran in August 1973. The seminar program was on "Methodology and Organization of Health Statistics" with reference to family planning. A conference on Public Health Education with special attention to Family Planning and Population programs was held in Lahore, Pakistan, January 15-19, 1974.

Those participating from the United States included:

**Miss Janet Anderson, Chief Health Educator, Office of International Health, Department of Health, Education, and Welfare**

**Dr. Elizabeth W. Clark, Professor of Public Health Education, School of Public Health, University of Hawaii**

**Dr. William P. Golden, Jr., Professor of Public Health Education, School of Public Health, University of Hawaii.**

AFGHANISTAN

FY 1973 Foreign Assistance Funds totaling \$27.058 million were obligated for A.I.D. activities. Of this amount, \$1.144 million was obligated for one population project, Population and Family Planning, 306-11-570-110.

In FY 1974 \$7.843 million was obligated for A.I.D. activities which included \$1.517 million for the above project.

COUNTRY : Afghanistan  
Project Name: Family Planning  
Project No. : 306-11-570-110  
Contract No.: nesa-519, AID/pha-c-1037  
Contractor : The Research Foundation of State  
University of New York (SUNY)  
Management Sciences for Health (MS.,  
Began : Fiscal Year 1968  
Estimated Termination Date: Continuing

Description:

This project is designed to assist the Government of Afghanistan (GOA) create a national family planning program integrated into the basic health system. It is assisting with (1) establishing a demographic information base so Afghan leaders may better understand the magnitude of its population problems, the effects of excess fertility on maternal and child health and the relationship of these factors to social and economic development; (2) training auxiliary nurse midwives for providing a trained staff for 178 rural health centers and (3) improving the health/family planning management capabilities in the Ministry of Public Health.

A contract with the State University of New York (SUNY) has assisted the Ministry of Planning conduct a national sample survey, develop a basic demographic description of the population, and conduct a KAP (Knowledge, Attitude and Practices) survey. Data collection on the settled population was completed and survey of the nomad population was started early in 1974.

A second contract group, Management Sciences for Health, is based in the Ministry of Health. It is assisting in developing a logistics system, information feedback system, and general management capability for the basic health clinics.

AID is assisting in developing training schools for auxiliary nurse-midwives. AID supplies contraceptives used in these programs.

Funding:

FY 1973 - \$1,144,000 Title X funds were obligated by A.I.D.  
FY 1974 - \$1,517,000 Title X funds were obligated by A.I.D.  
Total through 6/30/74 - \$4,799,000

BANGLADESH

FY 1973 Foreign Assistance Funds totaling \$1.524 million were obligated for A.I.D. activities. Of this amount, \$1.52 million was obligated for one population project, Population and Family Planning, 388-11-580-001.

In FY 1974 \$2.171 million was obligated for A.I.D. activities which included \$750,000 for the above project. In addition \$7.778 million was obligated for health activities through a Relief and Rehabilitation Grant.

COUNTRY : Bangladesh  
Project Name: Population and Family Planning  
Project No. : 388-11-580-001  
Began : Fiscal Year 1973  
Estimated Termination Date: Continuing

Description:

A.I.D. has made available funding for contraceptives and other commodities for the newly reinstated programs to bring family planning services within reach of the majority of people. The Government's immediate objective is to reduce the rate of population growth by at least 0.2% over the next five years. Implementation of the Integrated Health and Family Planning program was begun in January 1974.

The Bangladesh Government's Five Year Plan places heavy emphasis on population and family planning, and an extensive organizational structure is being built up through integration of family planning and health institutions which are being utilized to launch an improved program. Clinical and non-clinical organizations are now being utilized to deliver contraceptive services. Over 8,000 family welfare workers (male and female) have been trained in health and family planning to motivate and distribute contraceptives which are available to approximately 6% of all couples in the eligible age group and categories.

Funding:

FY 1973 - \$1,500,000 Title X funds were obligated by A.I.D.  
FY 1974 - \$ 750,000 Title X funds were obligated by A.I.D.  
Total through 6/30/74 - \$2,250,000

COUNTRY : Bangladesh  
Project Name: Relief and Rehabilitation Grant  
Began : Fiscal Year 1974  
Estimated Termination Date: N/A

Description:

Funds were provided under special Relief and Rehabilitation Grant Funds for initial orientation training of Family Welfare Workers and for construction of fifteen rural health centers in districts which had no service delivery facility.

Funding:

FY 1974 - \$7,788,000 Relief and Rehabilitation Grant Funds were obligated by A.I.D.

INDIA

FY 1973 Foreign Assistance Funds totaling \$1.867 million were obligated for A.I.D. activities. Of this amount \$298,000 was obligated for three health projects, Nutritional Foods Development, 386-15-599-396; Technical Support - Health, 386-15-599-396; and Population and Family Planning, 386-15-580-332.

There was no A.I.D. program in India in FY 1974.

COUNTRY : India  
Project Name: Family Welfare Planning  
Project No. : 386-15-580-332  
Loan No. : 386-K-185  
Authorized : June 26, 1968  
Signed : June 29, 1968

Description:

A.I.D. technical assistance to India's family planning program began in FY 1967. A.I.D. has been providing advisory services in family planning administration, education, demography, medical research and training. U.S. assistance is geared to complement and support the expansion of family planning activities both government sponsored and through voluntary non-governmental programs. Specific goals include encouraging acceleration of Government of India's existing programs; assisting in improvement of data collecting, reporting, evaluation, training programs and procedures; encouraging involvement of the private sector; and introducing more effective concepts and methods of motivation and communication.

In FY 1970 a \$20 million grant was made in addition to other U.S. assistance which included grants for support of the Indian Government's experimental program to test oral contraceptives; provision of 150 million condoms to initiate the subsidized commercial condom distribution program; a direct mailing system for family planning materials as well as equipment for radio coverage and film making; advisory assistance in the training field; and biomedical research related to conception and contraception. A.I.D. technicians were continuing to assist at the Demographic Training and Research Center at Chembur, Bombay, which carries out demographic and social research. A.I.D. staff also helped the GOI increase family planning efforts in geographical areas designated for "intensive implementation." In 1968, a loan of \$2.7 million and an \$8 million local currency grant helped finance the manufacture of 6,000 family planning vehicles.

As a result of the Indo-Pakistan war in December 1971, \$2.8 million of the \$20 million was included in the suspension of U.S. economic aid.

Funding:

FY 1973 - \$131,000 Title X funds were obligated by A.I.D.  
FY 1974 - No Title X funds were obligated by A.I.D.  
Total through 6/30/74 - \$6,299,000

Loan Agreement Amount : \$1,948,557  
Amount Utilized 6/30/73: \$1,948,557

COUNTRY : India  
Project Name: Nutrition Foods Development  
Project No. : 386-11-560-380  
Contract No.: nesa-399  
Contractor : Sidney M. Cantor Associates  
Began : Fiscal Year 1969  
Estimated Termination Date: Fiscal Year 1973

Description:

To reduce malnutrition through improvements in the quality of the Indian diet, A.I.D. provided technical assistance to the Indian Government and to the (private) Protein Foods Association. Policy objectives were: (1) to fortify popular food items with protein, vitamin, and mineral supplements; (2) to reformulate foods going into the child feeding programs to improve acceptability and nutritional value; (3) to create more nutritious commercial foods; (4) to develop indigenous sources of proteins, vitamins, and minerals; (5) to support nutritional research and education projects; and (6) to formulate national governmental nutrition policies and strategies on matters of agricultural production and food pricing and marketing.

The nutrition project in India had been effective in creating awareness of the benefits of proper nutrition. The Government was encouraged in the fortification of atta, a whole wheat flour, with vitamins, minerals, and protein-rich peanut flour. Salt was also receiving attention as a potential medium for fortification with calcium and iron. A new "Bal Ahar" (child food), formulated from corn or bulgar wheat and soy and peanut flour, was being tested in the school feeding program reaching 15.6 million school and preschool children. A plant designed and operated by Dorr-Oliver, a U.S. firm, was producing from cotton seed a protein concentrate which can be utilized in human foods. A modest A.I.D. grant assisted this plant. Other accomplishments included a survey in the State of Tamil Nadu of agriculture production patterns, distribution problems, dietary customs, and other factors which play a part in nutrition to create a model for nutrition planning; and investigations of the production and marketing feasibility of several products including Vitamin A fortified tea and vegetable protein enriched tapioca.

Funding:

FY 1973 - \$70,000 grant funds were obligated by A.I.D.  
Total through 6/30/73 - \$1,360,000

COUNTRY : India  
Project Name: Technical Support Health  
Project No. : 386-15-599-396  
Began : Fiscal Year 1969  
Estimated Termination Date: Fiscal Year 1973

**Description:**

This project provides for U.S. health, family planning, and Food for Freedom personnel, both A.I.D. direct hire and PASA, who positions are not financed from specific project funds.

In FY 1973, seven U.S. positions were funded under this project. They were:

- 1 Multisector Officer
- 1 Program Analyst Statistician
- 1 Social Development Information Advisor
- 3 Food for Freedom Officers
- 1 International Development Intern

**Funding:**

FY 1973 - \$97,000 grant funds were obligated by A.I.D.  
Total through 6/30/73 - \$832,000

INDONESIA

FY 1973 Foreign Assistance Funds totaling \$42.728 million were obligated for A.I.D. activities. Of this amount \$5.352 million was obligated for one health population project, Family Planning, 497-15-589-188.

In FY 1974 \$65.14 million was obligated for A.I.D. activities which included \$5.096 million for two projects, Family Planning and Health Project Development, 497-11-999-233.4. In addition \$24.7 million was obligated for a Malaria Control Loan, 497-U-034.

**COUNTRY** : Indonesia  
**Project Name:** Family Planning  
**Project No. :** 497-15-580-188  
**Contract No.:** AID-ea-177, AID/CM/PHA C73-28  
**Contractor :** American Public Health Association  
University of Hawaii School of Public Health  
**Began** : Fiscal Year 1968  
**Estimated Termination Date:** Continuing

**Description:**

This project seeks to help Indonesia lower the rate of population growth in Indonesia from the current rate of 2.6% per year by supporting the National Family Planning Program and by providing other assistance outside the national program. During the course of the Second Five-Year Plan (1974-79), the national program will be extended to 10 provinces outside of Java and Bali and the cumulative target for new acceptors is 9 million. The United States Government is among more than 20 bilateral, multilateral, and private donors providing assistance to the Indonesian family planning program. While the United States has to date contributed the largest share of the funds provided by external donors, the World Bank and the U.N., Fund for Population Activities together will assume the largest share in the near future. Foreign donor inputs amounted to \$8.5 million in 1973/74.

From 1968 through FY 1974, U.S. assistance totalling \$16.7 million focused on providing: (a) commodities and supporting services to equip and establish clinics; (b) manpower training; and (c) selected research and evaluation studies. The focus has been broadened to include health education activities and to provide limited institutional development support in the field of maternal and child health/family planning. The bulk of U.S. assistance continues to finance contraceptives, equipment and supplies for family planning clinics.

**Funding:**

FY 1973 - \$5,352,000 Title X funds were obligated by A.I.D.  
FY 1974 - \$5,070,000 Title X funds were obligated by A.I.D.  
Total through 6/30/74 - \$16,014,000

COUNTRY : Indonesia  
Project Name: Project Development  
Project No. : 497-11-999-233.4  
Began : Fiscal Year 1974  
Estimated Termination Date: Fiscal Year 1974

Description:

This project provided funding for travel for Malaria Control and Environmental Health Consultants to assist USAID and the Government of Indonesia in plans for implementing the proposed malaria loan and a new program in environmental sanitation.

Funding:

FY 1974 - \$26,000 grant funds were obligated by A.I.D.  
Total through 6/30/74 - \$26,000

COUNTRY : Indonesia  
Project Name: Malaria Loan  
Loan No. : 497-U-034  
Authorized : Fiscal Year 1974  
Signed : February 7, 1975

Description:

The Government of Indonesia regards malaria as one of its major health problems. 94% of the total population is considered to be at risk of malaria. A joint GOI-USAID malaria eradication program on Java and Bali in the early sixties made significant impact on the number of reported cases. The discontinuation of foreign assistance in the mid-sixties, combined with limited GOI funds led to resurgence of the disease. In 1972 a joint WHO USAID team made an assessment of the malaria conditions.

This loan provides funding, beginning in FY 1974 for DDT, vehicles, spray cans, bicycles and other transport equipment requirements over the next five years.

Funding:

Loan Agreement Amount: \$24,700,000

Loan agreement was not signed until FY 1975 therefore, no disbursements can be reported through 6/30/74.

KOREA

FY 1973 Foreign Assistance Funds totaling \$30.735 million were obligated for A.I.D. activities. Of this amount \$200,000 was obligated for one health project, Health and Family Planning, 489-11-580-649.

In FY 1974 \$6.755 million was obligated for A.I.D. activities which included \$584,000 for two projects, Health and Family Planning, and Health Planning, 489-11-590-708. In addition there was one loan funded project, Seoul Sewage, 489-U-089.

COUNTRY : Korea  
Project Name: Health and Family Planning  
Project No. : 489-11-580-649  
Contract No.: csd-2604, T.O. #4  
Contractor : American Public Health Association  
Began : Fiscal Year 1962  
Estimated Termination Date: Continuing

Description:

The objective of this project is to support the National Family Planning Program initiated in 1962. This Korean program is aimed at reducing population growth from a rate of 3% in 1962 to 1.5% in 1976 and 1.3% in 1981. To achieve this goal a national network of Family Planning - Maternal and Child Health service centers has been established public information programs are underway, and a national family planning center has been set up in Seoul. U.S. assistance consists of advisory services (including research and evaluation), training, and commodities.

A.I.D. sent a health sector study group to Korea in late 1973 and early 1974 to explore with the Republic of Korea ways through which low cost health and family planning services could be provided to the majority of the population both in urban and rural areas. The study group's principal recommendations were to improve health sector planning capability, lower consumer health costs, extend minimal health, population, and nutrition services to the majority, and improve the cost effectiveness of mass health care and preventive services.

Korea has accepted these recommendations and A.I.D. is currently providing two planning consultants to design a comprehensive national low cost health services delivery system, to the maximum extent, building upon the existing public and private health systems. Following the development of the health project design, A.I.D. anticipates providing technical advisory assistance and participant training to assist the government of Korea in implementing the program and effectively addressing the health care and family planning problems discussed above. Two direct hire population advisors, commodity assistance, and a modest observation/study participant program in family planning will continue

Funding:

FY 1973 - \$200,000 Title X funds were obligated by A.I.D.  
FY 1974 - \$ 84,000 Title X funds were obligated by A.I.D.  
Total through 6/30/74: \$284,000

COUNTRY : Korea  
Project Name: Health Planning  
Project No : 489-11-590-708  
Began : Fiscal Year 1974  
Estimation Termination Date: Fiscal Year 1975 (FY 1977)

Description:

In 1974 a health sector study group visited Korea to explore with the ROKG ways through which low cost health care could be most efficiently extended to a majority of the population. The two basic principal recommendations of the report were:

(a) That the ROKG explore ways to establish an effective health sector planning organization required to develop the needed planning skill and competencies.

(b) That the ROKG take advantage of contemporary opportunities to lower consumer health costs, to extend minimal health population and nutrition services to the majority, and to improve the cost effectiveness of mass health care and preventive services.

Any new initiatives in the Health Sector will be predicated on the recommendations of the Health Sector Analyses and Evaluation, and the decisions of the ROKG.

Funding:

FY 1974 - \$500,000 grant funds were obligated by A.I.D.  
Total through 6/30/74 - \$500,000

COUNTRY : Korea  
Project Name: Seoul City Sewage Treatment Plant  
Project No. : 489-22-250-657  
Loan No. : (1) 489-H-038  
(2) 489-U-089  
Authorized : June 9, 1966, March 1, 1974  
Signed : July 13, 1966, April 19, 1974

Description:

This loan is to assist in the construction of a sewage treatment plant for a 13,914 acre area within the Special City of Seoul. The plant will provide treatment of sewage (primary and secondary) adequate for projected peak dry weather flow conditions through 1985. All facilities are to be designed for expansion to accommodate needs beyond the year 2000.

The structural construction of the plant by Hyun Dai Construction Company began in May 1970 and was virtually complete by June 30, 1974. Equipment still had not been installed at that time due to a funding problem caused by a considerable increase in the cost of equipment. The Government of the Republic of Korea was unable to find the funds and a second loan was finally agreed to by AID. Bids were in the process of being taken at the beginning of FY 1975 and all equipment should be in place by the end of FY 1976. Training of personnel in the operation of the plant will be completed by the end of FY 1977.

Funding:

(1) Loan Agreement Amount : \$3,500,000  
Amount Utilized 6/30/74: \$ 411,498  
(2) Loan Agreement Amount : \$2,800,000  
Amount Utilized 6/30/74: ---

NEPAL

FY 1973 Foreign Assistance Funds totaling \$3.787 million were obligated for A.I.D. activities. Of this amount \$2.045 million was obligated for three health projects: Integration of Health Services, 367-11-590-227 Malaria Eradication, 367-11-511-014, and Family Planning, 367-11-580-096.

In FY 1974 \$2.249 million was obligated for A.I.D. activities which included \$1.095 million for the above three projects.

COUNTRY : Nepal  
Project Name: Integration of Health Services  
Project No. : 367-11-590-227  
Contract No.: Asia (HA) 8-73  
Contractor : U.S. Public Health Service  
Began : Fiscal Year 1973  
Estimated Termination Date: Fiscal Year 1977

Description:

The purpose of this project is to develop and test a prototype of an integrated health care delivery system utilizing multipurpose house visitors with paramedical-level training. If successful, it is to form the basis for a future national system of health services. Field testing of two prototype systems in two selected districts has been carried out over the past three years. Evaluation of these findings is scheduled for FY 1975.

Specific actions successfully completed during FY 1974 included intensive in-service training courses for Nepalese field supervisors, field workers and their auxiliaries; a special orientation and in-service seminar for senior officials of one of the selected districts to review and assess problems and progress; and a similar conference on medical aspects of health services held in the second district for medical and surgical personnel.

Initial findings confirm technical feasibility of the test approach used in one of the two test districts (Kask 8) where additional health tasks were assigned to an existing malaria eradication field organization operating throughout the district (rather than establishing a parallel general health service system).

Funding:

FY 1973 - \$265,000 grant funds were obligated by A.I.D.  
FY 1974 - \$131,000 grant funds were obligated by A.I.D.  
Total through 6/30/74: \$383,000

COUNTRY : Nepal  
Project Name: Malaria Eradication  
Project No. : 367-11-511-014  
Began : Fiscal Year 1954  
Estimated Termination Date: Fiscal Year 1973

Description:

Malaria eradication in Nepal has been a cooperative effort of the Government of Nepal, A.I.D. and W.H.O. The A.I.D. project has been designed to help the Government of Nepal eradicate malaria. Support was chiefly in the form of advisory services. The Government of Nepal has provided foreign exchange for DDT purchases.

Organized antimalaria activities were started in Nepal in 1956. The malaria eradication program, under sponsorship of WHO and USAID, has progressed as a phased program with activities first beginning in the Central Zones, then in East Zone, and finally in West Zone. During FY 1969 approximately half of the total population of Nepal was considered at risk of malaria and under some form of antimalaria activities. The most significant problems facing the Nepal program were the introduction of malaria from points outside of Nepal, particularly the Indian states of Assam and Nagaland; the continuing transmission of malaria above the established operation limits of 4,000 feet; the rapid resettlement and migration from nonmalarious to malarious areas; and the difficulties surrounding special projects such as highway and canal projects with their primitive and temporary structures and the extensive movement of labor to these projects. U.S. participation began phasing out of the malaria program in FY 1972. Some expenditures were incurred in FY 1973.

In the past two years, malaria has been on the rise in several areas with focal epidemics and the threat of more general loss of control. To support WHO and the Government's efforts to regain control, additional U.S. assistance may be considered.

Funding:

FY 1973 - \$449,000 grant funds were obligated by A.I.D.  
FY 1974 - \$315,000 grant funds were obligated by A.I.D.  
Total through 6/30/74 - \$7,316,000

COUNTRY : Nepal  
Project Name: Family Planning  
Project No. : 367-11-580-096  
Contract No.: AID/PHA-C-1051  
Contractor : University of California  
Began : Fiscal Year 1968  
Estimated Termination Date: Continuing

Description:

A.I.D. has assisted the family planning program in Nepal since its inception in 1966. The project target is to establish a strong family planning and maternal and child health organization at both the central and district levels. Emphasis has been directed to strengthening major training programs both within the country and in third countries; developing information programs to popularize the concept of family planning; training personnel in evaluation skills and procedures; and the conduct of knowledge building studies to provide baseline data required for planning and evaluation of the program's objectives. The goal is to motivate and provide effective family planning services to 15% of all married couples of reproductive age.

The Government operates 181 Family Planning/Maternal and Child Health Clinics. The National Family Planning program is now operational in 30 of Nepal's 75 districts.

A recent project success is Nepal's pioneering attempt to develop a widely available laparoscopy service. More than 1,000 Nepalese women have been sterilized by this method without serious complications. The Government is expediting training of 20 physicians in this technique. AID is furnishing necessary equipment.

A contract with the University of California provides four in-country advisors.

Funding:

FY 1973 - \$1,331,000 Title X funds were obligated by A.I.D.  
FY 1974 - \$ 649,000 Title X funds were obligated by A.I.D.  
Total through 6/30/74: \$3,930,000

PAKISTAN

FY 1973 Foreign Assistance Funds totaling \$12.096 million were obligated for A.I.D. activities. Of this amount \$6.284 million was obligated for four population projects: Family Planning, 391-11-580-256, Family Planning Technical Support, 391-11-580-370, Population Planning, 391-11-580-384, and Expanded Population Planning, 391-11-580-393.

In FY 1974 \$9.802 million was obligated for A.I.D. activities which included \$2.497 million for the above projects, except Family Planning Technical Support which required no FY 1974 funds.

COUNTRY : Pakistan  
Project Name: Family Planning  
Project No. : 391-11-580-256  
Began : Fiscal Year 1967  
Estimated Termination Date: Fiscal Year 1973

Description:

The partition of Pakistan has left the nation with a population estimated at 66 million. It is expected to double within 26 years at its present growth rate of about three percent. A program initiated in 1965 is expected to continue with the Government objectives to reduce the birth rate by reorganizing the administration of the present program and supporting expanded programs in motivation, training research and evaluation. U.S. support includes advisory services, provision of commodities not available locally, and participant training. A Training Research and Evaluation Center (TREC) in Lahore, established in 1970, continued to receive assistance.

A new program has been initiated in Pakistan for delivering family planning services. Instead of using government clinics the new program delivers contraceptives and family planning services to the users using male/female motivation teams of village-oriented people with little health training. Preliminary evaluation of results in the first pilot area indicated an acceptance rate of 18% among the target population.

See project 391-11-580-393.

Funding:

FY 1973 - \$1,173,000 Title X funds were obligated by A.I.D.  
FY 1974 - \$1,891,000 Title X funds were obligated by A.I.D.  
Total through 6/30/74 - \$8,184,000

COUNTRY : Pakistan  
Project Name: Family Planning Technical Support  
Project No. : 391-11-580-370  
Began : Fiscal Year 1970  
Estimated Termination Date: Fiscal Year 1973

Description:

This project provided funding for U.S. direct hire professional staff to support A.I.D.-funded population activities in Pakistan.

Funding:

FY 1973 - \$96,000 Title X funds were obligated by A.I.D.  
FY 1974 - No Title X funds were obligated by A.I.D.  
Total through 6/30/74: \$306,000

COUNTRY : Pakistan  
Project Name: Population Planning (PIDE)  
Project No. : 391-11-580-384  
Began : Fiscal Year 1973  
Estimated Termination Date: Fiscal Year 1977

Description:

This project is designed to install a permanent demographic research capability in the population unit which is being established within the Pakistan Institute for Development Economics (PIDE). This unit will conduct independent research on determinants of population change and evaluate the effect on population growth of other national studies, programs and policies.

The population planning unit has been established as an integral part of the PIDE since March 1973. It is staffed with trained Pakistani social economists. Basic research has begun on population matters, emphasizing basic demographic and sociological investigations. These studies are being provided to the Government of Pakistan Planning Commission and other substantive government ministries and departments on the effects of Government policies, plans and regulations on population growth and movements.

Funding:

FY 1973 - \$342,000 Title X funds were obligated by A.I.D.  
FY 1974 - \$ 56,000 Title X funds were obligated by A.I.D.  
Total through 6/30/74: \$533,000

COUNTRY : Pakistan  
Project Name: Expanded Population Planning  
Project No. : 391-11-580-393  
Began : Fiscal Year 1973  
Estimated Termination Date: Continuing

Description:

This project supersedes No. 391-11-590-256.

The purpose of this project is to support the development within Pakistan of a comprehensive and integrated approach for more effectively promoting the widespread practice of family planning and for more efficiently delivering family planning supplies and services. When the project is fully operational (at the end of a five year period), it is anticipated that approximately 56 million of a total population of 75 million in Pakistan will be served by the Continuous Motivation System of providing contraceptive services and motivation. Motivation teams are comprised of one male and one female worker. Approximately 8,500 family planning workers have been trained and employed for this purpose. Program direction is in the semi-autonomous Population Planning Division of the Ministry of Health.

U.S. assistance is being provided in the forms of contraceptive and general project commodities, technical advice and training, and partial support of the rupee budget. The U.S. plans to assist the government in five areas of project management: publicity/communications; automotive fleet operations and maintenance; contraceptive delivery; manpower and training, and management information/project data feedback.

Funding:

FY 1973 - \$4,673,000 Title X funds were obligated by A.I.D.  
FY 1974 - \$ 550,000 Title X funds were obligated by A.I.D.  
Total through 6/30/74: \$5,005,000

PHILIPPINES

FY 1973 Foreign Assistance Funds totaling \$12.244 million were obligated for A.I.D. activities. Of this amount \$5.981 million was for two projects: Family Planning, 492-11-480-220, and Malaria Eradication.

In FY 1974 \$27.811 million was obligated for A.I.D. activities which included \$4.804 million for three health projects. These were Family Planning, Local Water Development, 492-56-996-263 and Nutrition 492-11-560-252. In addition one loan for Local Water Distribution Systems was authorized in FY 1974.

COUNTRY : Philippines  
Project Name: Malaria Eradication  
Project No. : 492-11-510-013  
Contract No.: csd 3352  
PASA No. : TCR 2-66  
Contractor : World Health Organization  
Began : Fiscal Year 1953  
Estimated Termination Date: Fiscal Year 1973

Description:

The U.S. has been assisting the Philippine Government with its malaria program since 1966. Through a PASA with the Department of Health, Education, and Welfare, the U.S. Public Health Service furnished technical advisors and support to the Government in its efforts to minimize malaria in the Philippines. Through the coordinated efforts of the United Nations, the Philippines Department of Health, and the United States emphasis was placed on "hard core" areas accounting for over 80% of the malaria cases in the Philippines. Surveillance and case detection methods are being used to control malaria in less afflicted areas.

After a program review in early 1969, the Malaria Eradication Service reduced the spraying target from 1.6 million to 1.0 million houses. Another program review was carried out at the end of FY 1970 and the spraying target was reduced further to approximately 500,000 houses. This was again reduced in July 1970, to some 300,000 houses to be covered with regular attack measures, limited to areas with persistent malaria transmission.

A.I.D. funding terminated June 30, 1973.

Funding:

FY 1973 - \$207,000 grant funds were obligated by A.I.D.  
Total through 6/30/73: \$8,976,000

COUNTRY : Philippines  
Project Name: Family Planning  
Project No. : 492-11-530-220  
Contract No.: ea-154, AID-492-154T  
Contractor : University of North Carolina;  
University of Chicago  
Began : Fiscal Year 1967  
Estimated Termination Date: Fiscal Year 1975

Description:

Working through both public and private organizations, U.S. assistance is directed to promoting awareness of the population problem, encouraging the adoption of a national policy for family planning, and supporting efforts to reduce the population growth rate while improving maternal and child health.

Specifically through this project, A.I.D. helps 1) finance up to 1,670 private and public clinics with a goal of 600,000 new acceptors per year; 2) develop Philippine family planning information education systems, training programs, demographic studies, and research projects; and 3) finance the purchase of contraceptives for distribution through various private and governmental channels.

Funding:

FY 1973 - \$5,774,000 Title X funds were obligated by A.I.D.  
FY 1974 - \$4,009,000 Title X funds were obligated by A.I.D.  
Total through 6/30/74: \$27,958,000

COUNTRY : Philippines  
Project Name: Local Water Development  
Project No. : 492-56-996-263  
Contractor : James Montgomery Consulting Engineers  
Began : Fiscal Year 1974  
Estimated Termination Date: Fiscal Year 1976

Description:

Grant funds are being made available to finance contract services to assist in developing, at the national level, the Local Water Utilities Administration, and at the local level the five water districts for which A.I.D. loan funds are to be used. These services are to be utilized over three years in addition to funds available for participant training in the U.S.

Funding:

FY 1974 - \$500,000 grant funds were obligated by A.I.D.  
Total through 6/30/74 - \$500,000

COUNTRY : Philippines  
Project Name: Provincial Water Loan  
Loan No. : 492-U-033  
Authorized : April 27, 1974  
Signed : May 23, 1974

Description:

A.I.D. authorized a loan to finance the foreign exchange costs and a portion of the local currency costs (on a direct reimbursable basis) for the improvement/construction of up to five provincial water systems. These five pilot projects are the beginning of a national program. A.I.D. financed feasibility studies for these projects which were completed in 1973.

The loan includes funds to finance additional studies for the Baguio system which would be a sixth site and if approved would require additional funds.

This project is intended to provide accessibility to and adequate supplies of potable water for provincial dwellers, thereby, improving their living conditions. It will also help to establish a GOP capability to expand and manage the country's overall provincial potable water program.

Funding:

Loan Agreement Amount : \$15,000,000  
Amount Utilized 6/30/74: 0

COUNTRY : Philippines  
Project Name: Nutrition  
Project No. : 492-11-560-252  
Contract No.: ea-37  
Contractor : Virginia Polytechnic Institute and State  
University; Population Services International  
Texas A&M  
Began : Fiscal Year 1974  
Estimated Termination Date: Fiscal Year 1978

Description:

This project is designed to assist the Government of the Philippines in establishing a National Nutrition Program aimed at reducing widespread malnutrition among infants, pre-school and elementary school-age children through (a) improved nutrition planning, (b) more efficient child-feeding programs, (c) nutrition education programs for mothers and school children, and (d) research aimed at the development of indigenous sources of highly nutritious foods.

This project will complement the PL 480 Title II commodities supplied to the Philippine Government and U.S. voluntary agencies administering pre-school and school feeding programs.

A.I.D. has agreed to provide technical advisory services to help develop a strong nutrition planning and education capability in the Philippine Government. This project is also focused on increased research efforts in developing indigenous sources of highly nutritious foods, such as coconut and banana flour, for use in the program and to offset some of the imported foodstuffs.

A.I.D. advisors, including contract technicians from Virginia Polytechnic Institute and State University are assisting the Philippine Government in devising ways of better integrating the nutrition activities with other programs in family planning and rural development.

Funding:

FY 1974 - \$295,000 grant funds were obligated by A.I.D.

TURKEY

FY 1973 Foreign Assistance Funds totaling \$2.771 million were obligated for A.I.D. activities. Of this amount \$91,000 was for one population project, Population Technical Support, 277-11-580-000.

In FY 1974 \$10.823 million was obligated for A.I.D. activities which included \$302,000 for two population projects: Population Technical Support, and Turkish Demographic Survey Center, 277-11-570-606.

Two projects funded by loans in prior years remained active. They were: Hacettepe University, 277-H-083, and Family Planning Program, 277-H-068.

COUNTRY : Turkey  
Project Name: Population Technical Support  
Project No. : 277-11-580-000  
Began : Fiscal Year 1972  
Estimated Termination Date: Fiscal Year 1974

Description:

This project provides funding for U.S. support staff.  
FY 1973 the following positions were funded:

Technical Specialist/POP-PH (Local Contract)  
Population Advisor/Social Scientist  
Population Advisor/Communications Resources  
Secretary (Local Hire)

In FY 1974 the following positions were funded:

Consultant in Public Health and Family Planning  
Technical Specialist/POP-PH (Local Contract)  
Population Advisor/Social Scientist  
Secretary (Local Hire)

Funding:

FY 1973 - \$91,000 Title X funds were obligated by A.I.D.  
FY 1974 - \$30,000 Title X funds were obligated by A.I.D.  
Total through 6/30/74 - \$117,000

COUNTRY : Turkey  
Project Name: Hacettepe University  
Project No. : 277-22-540-441  
Loan No. : 227-H-083  
Authorized : June 29, 1967  
Signed : October 23, 1967

Description:

The purpose of this loan is to finance foreign exchange costs of equipment, books, visiting professors, and staff fellowships in the five-year expansion program to triple university enrollment to 4,000 and to improve the quality of education. In 1958 the Hacettepe University started as a 150-bed children's hospital. It has developed into a university with students in faculties of medicine, health sciences, natural and social sciences; a school of graduate studies; an institute of population studies; and a 1,000-bed teaching hospital. Emphasizing community service, it runs eight rural and urban health centers as part of its training program. Initial staff and leadership for the new Medical Faculty at Ataturk University at Erzurum is being furnished by Hacettepe University.

A contract with Overseas Educational Services of New York (OES) was signed in June 1968 to provide consulting services.

Funding:

Loan Agreement Amount : \$4,500,000  
Amount Utilized 6/30/74: \$4,019,104

COUNTRY : Turkey  
Project Name: Family Planning Program  
Project No. : 277-22-550-430  
Loan No. : 277-H-068  
Authorized : June 7, 1966  
Signed : October 4, 1966

Description:

This loan was made to finance foreign exchange costs for the purchase of 1400 jeep vehicles and their repair and maintenance, and for technical advice and educational equipment for the family planning program of rural health centers.

The Ministry of Health and Social Welfare reached agreement in November 1968, with Tippetts-Abbet-McCarthy-Stratton Engineers (TAMS), New York, to assist in establishing a Transport Directorate and facilities required for the repair and maintenance of the vehicles. The TAMS team leader arrived in Turkey in February 1969, and other personnel followed in March, September, and December. Vehicles began arriving in Turkey in 1971 and were being placed with the Provincial Family Planning Offices.

Funding:

Loan Agreement Amount : \$2,100,000  
Amount Utilized 6/30/74: \$1,914,353

The loan, authorized in 1966, totaled \$3.6 million. As a result of delays in implementing the program, A.I.D. and the Government of Turkey agreed to a deobligation of \$1.5 million on February 12, 1969, leaving a balance of \$2.1 million available.

COUNTRY : Turkey  
Project Name: Turkish Demographic Survey Center (POPLAB)  
Project No. : 277-11-570-606  
Contractor : University of North Carolina  
Began : Fiscal Year 1974  
Estimated Termination Date: Fiscal Year 1978

Description:

This project will assist the development of a Demographic Survey Unit within the State Institute of Statistics to improve the Government of Turkey's ability to obtain reliable demographic statistics pertaining to births, deaths, and other vital demographic events on a continuing basis. This project is one of six Population laboratories (POPLABS) now operative with assistance from the University of North Carolina. Exchange of data among these POPLABS will result in continuing improvement of methodology. The first national sample will be designed, administered, analyzed and prepared for publication in the summer of 1975. Members of the staff of the Demographic Survey Unit will be selected for graduate level training in Turkey and in the United States.

Funding:

FY 1974 - \$272,000 Title X funds were obligated by A.I.D.  
Total through 6/30/74 - \$272,000

YEMEN

FY 1973 Foreign Assistance Funds totaling \$2.030 million were obligated for A.I.D. activities. Of this amount \$630,000 was for two health projects: Taiz Water Rehabilitation, 279-11-521-017 and Sanaa Water Supply, 279-11-521-021.

In FY 1974 \$2.108 million was obligated for A.I.D. activities which included \$1.025 for the above projects plus Rural Water Supply, 279-11-125-022.

COUNTRY : Yemen  
Project Name: Taiz Water System  
Project No. : 279-11-521-017  
Began : Fiscal Year 1973  
Estimated Termination Date: Fiscal Year 1975

Description:

In the mid-1960's the Taiz municipal water system was successfully constructed and put into operation through U.S.-financial assistance. This project provided funding to rehabilitate the existing system and return it to its former capacity as an emergency measure until loan funds are made available for an extension of the old system.

Funding:

FY 1973 - \$330,000 grant funds were obligated by A.I.D.  
FY 1974 - \$ 70,000 grant funds were obligated by A.I.D.  
Total through 6/30/74 - \$400,000

COUNTRY : Yemen  
Project Name: Sanaa Water Supply  
Project No. : 279-11-521-021  
Began : Fiscal Year 1973  
Estimated Termination Date: Fiscal Year 1975

Description:

This is a short-term program to develop additional water supplies for the city of Sanaa until an IDA financed permanent system is in operation a few years ahead. At present the city relies on individual wells plus neighborhood systems.

Funding:

FY 1973 - \$300,000 grant funds were obligated by A.I.D.  
FY 1974 - \$160,000 grant funds were obligated by A.I.D.  
Total through 6/30/74 - \$460,000

COUNTRY : Yemen  
Project Name: Rural Water Supply  
Project No. : 279-11-125-022  
Began : Fiscal Year 1974  
Estimated Termination Date: Fiscal Year 1978

Description:

This project is intended to bring potable water supplies to an average of fifteen villages per year, beginning with FY 1974. At the same time, an average of 15 Yemeni are to be trained in water supply systems techniques. As much of the training as possible will be carried on in-country.

The first phase of the project, ordering commodities and recruiting local personnel, was underway. Operations were started with the use of rigs available by the Yemen Government. Drilling operations in four villages had been started by August 1974.

Funding:

FY 1974 - \$795,000 grant funds were obligated by A.I.D.  
Total through 6/30/74 - \$795,000

## LATIN AMERICA REGION

### Program Plans

The A.I.D. program proposed for both FY 1973 and FY 1974 included both Development Loans and Development Grants to finance technical assistance to 19 countries in South America, the Caribbean and Central America and regional programs.

A growing proportion of the bilateral program was to be directed to priority problems of lower-income groups in areas of food production and nutrition, human resource development, family planning and health.

### Summary of Program Implementation

FY 1973 Foreign Assistance funds amounting to \$315.6 million were obligated for A.I.D. activities in Latin America. Of the total, \$48.6 million (15.4%) was obligated for health, population and nutrition projects. In FY 1974, \$34.8 million (15.0%) of \$232.0 million was obligated for health, population and nutrition activities. See Table 10 on page 149.

Four health loans were funded in FY 1973. They were: \$7.6 million for Integrated Health Delivery Systems, Brazil; \$19.4 million for the Health Sector, Colombia; \$2.4 million for Rural Water Supply, Guyana; and \$3.8 million for Rural Health and Nutrition, Panama. Two loans were funded in FY 1974. They were both for activities in Colombia: \$17.3 million for the health sector and \$7.5 million for the health sector and \$7.5 million for a Small City Environmental Sanitation loan.

The amount of funds obligated for health, population, and nutrition projects, by country or other allocation is shown on Table 11 on page 150.

The distribution of active projects in FY 1973 and FY 1974 and the number of countries with projects is shown below:

Projects	FY 1973	FY 1974	No. of Countries
Total	26*	26*	16**
Health	8	8	6
Population	17	15	12
Nutrition	1	3	2

\* In addition to country projects, the total number of projects in this chart includes those activities carried out on a regional basis.

\*\*This total reflects the number of countries in the Latin America Region which have health, population and nutrition activities. It does not include regional activities which involve more than one country.

Table 12 on page 151 shows the amounts of funds obligated for health projects by type of activity and country or other allocation.

Table 10

Funds obligated for A.I.D. activities and amount and percentage for health, population and nutrition projects by country or other allocation, Latin America Region, FY 1973 and FY 1974.

FY 1973

Allocation	Total	Health Population & Nutrition	Percentage for Health, Population & Nutrition
	(thousands of dollars)		
<b>Total</b>	<b>315,633</b>	<b>48,615</b>	<b>15.4</b>
Regional	36,300	7,055	28.9
Bolivia	17,000	234	1.3
Brazil	40,600	7,642	18.8
ROCAP	42,523	-	-
Chile	839	-	-
Colombia	76,900	20,212	26.2
Costa Rica	1,291	379	29.3
Dominican Republic	1,000	81	8.1
East. Caribbean Region	22,487	-	-
Ecuador	4,629	703	15.1
El Salvador	2,000	408	20.4
Guatemala	9,500	707	7.4
Guyana	3,100	2,400	77.4
Haiti	6,300	1,771	28.1
Honduras	5,574	985	17.6
Jamaica	5,600	529	9.4
Nicaragua	22,500	400	1.7
Panama	7,078	4,416	62.3
Paraguay	6,000	544	9.0
Peru	3,800	149	3.9
Uruguay	1,182	-	-
Venezuela	430	-	-

Table 10

Funds obligated for A.I.D. activities and amount and percentage for health, population and nutrition projects by country or other allocation, Latin America Region, FY 1973 and FY 1974.

FY 1974

Allocation	Total	Health Population & Nutrition	Percentage for Health, Population & Nutrition
	(thousands of dollars)		
Total	232,087	34,846	15.0
Regional	30,000	3,832	12.7
Bolivia	38,400	124	1.0
Brazil	4,000	42	1.0
ROCAP	1,317	-	-
Chile	429	-	-
Colombia	40,100	25,395	64.0
Costa Rica	8,900	411	5.0
Dominican Republic	12,600	153	2.0
East Caribbean Region	125	-	-
Ecuador	2,583	604	24.0
El Salvador	7,697	312	4.0
Guatemala	2,500	669	27.0
Guyana	95	-	-
Haiti	8,700	869	10.0
Honduras	24,600	799	4.0
Jamaica	9,600	202	3.0
Nicaragua	12,300	610	4.9
Panama	10,500	552	6.0
Paraguay	4,300	190	5.0
Peru	12,100	82	1.0
Uruguay	938	-	-
Venezuela	303	-	-

Table 11

Funds obligated for health, population and nutrition projects by country or other allocation, Latin America Region, FY 1973 and FY 1974.

Area	Total		Health		Population		Nutrition	
	1973	1974	1973	1974	1973	1974	1973	1974
Total	48,615	34,846	35,307	26,117	13,207	8,571	101	158
Regional	7,055	3,832	-	-	7,055	3,832	-	-
Bolivia	234	124	-	-	234	124	-	-
Brazil	7,642	42	7,642	42	-	-	-	-
Colombia	20,212	25,395	19,612	24,925	600	470	-	-
Costa Rica	379	411	-	-	379	411	-	-
Dominican Republic	81	153	81	153	-	-	-	-
Ecuador	703	604	-	-	602	446	101	158
El Salvador	408	312	-	-	408	312	-	-
Guatemala	707	669	-	-	707	669	-	-
Guyana	2,400	-	2,400	-	-	-	-	-
Haiti	1,771	869	1,771	869	-	-	-	-
Honduras	985	799	1	12	984	787	-	-
Jamaica	529	202	-	-	529	202	-	-
Nicaragua	400	610	-	116	400	494	-	-
Panama	4,416	552	3,800	-	616	552	-	-
Paraguay	544	190	-	-	544	190	-	-
Peru	149	82	-	-	149	82	-	-

Table 12

Funds obligated for health projects by type of activity and country or other allocation, Latin America Region, FY 1973 and FY 1974 (\$1,000's).

FY 1973

Allocations	Total	Delivery of Health Services	Health Planning and Analysis	Environmental Sanitation	Specific Disease Control	Health Administration and Management	Other
Total	35,307	30,800	293	2,442	1,771		
Brazil	7,642	7,600*		42			
Colombia	19,612	19,400*	212				
Dominican Republic	81		81				
Guyana	2,400			2,400*			
Haiti	1,771				1,771		
Panama	3,800	3,800*					

FY 1974

Total	26,117	18,169	290	7,542		116	
Brazil	42			42			
Colombia	24,925	17,300*	125	7,500*			
Dominican Republic	153		153				
Haiti	869	869					
Honduras	12		12				
Nicaragua	116						

\*Development Loans

HEALTH, POPULATION AND NUTRITION PROJECTS  
LATIN AMERICA REGION  
FY 1973 - FY 1974

<u>Area</u>	<u>Project Number</u>	<u>Title</u>	<u>Contractor</u>	<u>FY 1973 Funds</u>	<u>FY 1974 Funds</u>
Regional	932-15-570-438	Regional Advisory Services 1) Inter-American Dialogue Center 2) Elite Motivation	Airlie Foundation 1a-672	3,596,000 — (300,000)	3,182,000 (1,177,000) (502,000)
		3) Population Training Services 4) MCH-FP Model Delivery Systems	Dev. Assoc., Inc. Family Health Fnd. CM/pha-C-73-35 U. of Wisconsin 1a-123	(796,000) (2,500,000)	(1,196,000) (307,000)
Regional	932-15-570-470	Research Training in Pop. Dynamics	PAHO	1,500,000	—
Regional	932-15-580-479	Grant to PAFAMS		456,000	300,000
Regional	932-11-570-477	Funds to RTAC		300,000	350,000
Bolivia	511-11-570-439	Family Care Survey		234,000	124,000
Brazil	512-11-999-000	Environmental Health	EPA LA(HA)68-65	42,000	42,000
Brazil	512-L-089	Integrated Health Delivery Systems		7,600,000	—
Brazil	512-L-080	Urban Sanitation		—	—
Brazil	512-L-072	Malaria Eradication		—	—
Colombia	514-L-072	Health Sector Loan I		9,400,000	—
Colombia	514-U-075	Health Sector Loan II		—	7,300,000

<u>Area</u>	<u>Project Number</u>	<u>Title</u>	<u>Contractor</u>	<u>FY 1973 Funds</u>	<u>FY 1974 Funds</u>
Colombia	514-11-999-000.2	Health Sector Analysis		212,000	125,000
Colombia	514-11-580-150	Demographic Research	U. of N. Carolina, AID 514-126; George Washington U. 1a-702	600,000	470,000
Colombia	514-U-076	Rural Sanitation Loan		---	7,500,000
Costa Rica	515-11-580-105	Demographic Education		379,000	411,000
Dominican Republic	517-51-531-085	Health and Nutrition Sector Dev.	Commonwealth of Puerto Rico, 1a-403	81,000	153,000
Dominican Republic	517-L-021	Maternal and Infant Care Loan		---	---
Ecuador	518-L-029A	Malaria Eradication		---	---
Ecuador	518-15-560-112	Family Food and Nutrition		101,000	158,000
Ecuador	518-51-591-094	Population-Health Education	Colombia U. & U. of N. Carolina csd-2479	602,000	446,000
El Salvador	519-15-580-149	Family Planning and Health	Colombia University csd-2479	408,000	312,000
Guatemala	520-11-590-189	Population and Rural Health		707,000	669,000
Guatemala	520-L-020, 021	Rural Health Services and Facilities		---	---

<u>Area</u>	<u>Project Number</u>	<u>Title</u>	<u>Contractor</u>	<u>FY 1973 Funds</u>	<u>FY 1974 Funds</u>
Guyana	504-L-007	Rural Water Supply		2,400,000	—
Haiti	521-11-511-033	Malaria Eradication		1,771,000	—
Haiti	521-11-510-070	Communicable Disease Control (Rural Health Delivery Development)		—	869,000
Honduras	522-11-580-065	Maternal and Child Health		670,000	679,000
Honduras	522-11-790-103	National Data Systems		314,000	108,000
Honduras	522-11-590-113	Health Sector Study		1,000	115,000
Jamaica	532-11-580-030	Family Planning		529,000	202,000
Nicaragua	524-L-023	Rural Mobile Health Loan		—	—
Nicaragua	524-11-580-072	Family Planning		400,000	494,000
Nicaragua	524-L-028	Emergency Program Loan (FY 73)		2,000,000	—
Nicaragua	524-11-999-000	Health Technical Support		—	116,000
Panama	525-15-580-142	Health and Population	LA(HA) 31-6 (USPHS)	616,000	552,000
Panama	525-L-028A	Panama City Water Supply		—	—
Panama	525-L-040	Rural Health and Nutrition Loan		3,800,000	—
Paraguay	526-11-580-085	Population and Nutrition		544,000	190,000
Peru	527-11-590-132	Human Resources & Population Studies		149,000	82,000

LATIN AMERICA REGIONAL PROJECTS

FY 1973 Foreign Assistance Funds totaling \$36.3 million were obligated for A.I.D. activities. Of this amount \$7.055 million was for four population activities: Regional Advisory Services, 932-15-570-438, Research Training in Population Dynamics, 932-15-570-470, Grant to PAFAMS, 932-15-580-479, and Funds to RTAC, 932-11-570-477.

In FY 1974 \$30 million was obligated for A.I.D. activities which included \$3.832 million for the above projects with the exception of Research Training in Population Dynamics, which required no FY 1974 funds.

COUNTRY : Latin America Regional  
Project Name: Regional Advisory Services; Population  
Project No. : 932-15-570-438  
Contractor : Development Associates, Airlie Foundation,  
University of Wisconsin, Family Health Foundation  
Contract No.: 1a-672, 1a-123, CM/PHA-C-73-75  
Began : Fiscal Year 1967  
Estimated Termination Date: Continuing

Description:

The program objectives are to (1) assist Latin American countries in providing family planning services by testing several models for delivering low cost services, particularly to persons in rural areas; (2) help Latin American leaders recognize the economic and social impact of rapid population growth and its importance in national planning; (3) assist in the formulation and development of information and education programs. Efforts toward these objectives are coordinated with the host governments and international agencies.

A.I.D.'s first efforts to support population-family planning programs in Latin America began in 1965 in the face of opposition from the church and many governments and with little public or private awareness of the impact of rapid population growth on economic and social development. In less than a decade, conditions have changed substantially. Significant family planning programs are in operation in nearly all Latin American countries with some host government financial support. Family planning and population growth are subjects of wide-spread public discussions and opposition to such programs is limited. Many governments are increasing their government budgets for family planning services. Family planning services and information are generally available in urban areas of Latin America. The focus of programs in the future will be to strengthen the urban programs, develop and introduce systems for delivering family planning services at low cost to the rural areas, and seek strong host government support for policies to encourage the wide-spread availability of family planning services and information.

Inter-American Dialogue Center has organized 16 dialogues for nearly 500 Latin American leaders from medical groups, business, higher education institutions, news media and executive branches of host governments. A special effort is made to attract outstanding women leaders; a special world-wide conference of women leaders, 250 women from 140 countries, was sponsored in collaboration with the United Nations during FY 1974.

Funding: FY 1974 - \$1,177,000 Title X funds were obligated by A.I.D.

Elite Motivation. Under a contract with the Airlie Foundation, films have been prepared for 14 Latin American countries. The films are used by both public and private organizations for educational and promotional purposes ranging from television spots to movies to be shown in clinic waiting rooms.

Funding: FY 1973 - \$300,000 Title X funds were obligated by A.I.D.  
FY 1974 - \$502,000 Title X funds were obligated by A.I.D.

Population Training Services. Development Associates, Inc. has arranged training programs in the United States for 479 participants and programs for 373 participants in third countries. Responding to enthusiastic interest in Latin America to develop training programs which will qualify para-medical personnel to provide family planning services, Development Associates has arranged a special training program with Harbor General Hospital of the UCLA Medical School. Under this program, personnel from several Central American countries will be trained to set up national centers for local training programs for para-medical and auxiliary health personnel.

Funding: FY 1973 - \$ 796,000 Title X funds were obligated by A.I.D.  
FY 1974 - \$1,196,000 Title X funds were obligated by A.I.D.

Maternal Child Health-Family Planning Model Delivery Systems. Contracts with the Family Health Foundation and with the University of Wisconsin developed under previous grants were signed in June and August 1974 respectively, for Latin American programs. Detailed project plans have been developed in two Latin American countries which test methods to extend family planning within MCH programs to rural and semi-rural areas.

Funding: FY 1973 - \$2,500,000 Title X funds were obligated by A.I.D.  
FY 1974 - \$ 307,000 Title X funds were obligated by A.I.D.

COUNTRY : Latin America Regional  
Project Name: Research Training in Population Dynamics  
Project No. : 932-15-570-470  
Contractor : PAHO  
Contract No.: 1a 430, 547, 551, 552  
Began : Fiscal Year 1969  
Estimated Termination Date: Fiscal Year 1975

**Description:**

This project is to provide financial assistance to PAHO to expand its capacity in the implementation of family planning programs and to channel assistance to Latin American governments.

The Pan American Health Organization established an Advisory Committee on PAHO population policy and programs which met first in June 1970. PAHO is working with member governments on the extension of family planning programs as integral parts of existing national health services. A region-wide education and in-service training program has been started as well as selected demonstration projects.

**Funding:**

FY 1973 - \$2,703,000 Title X funds were obligated by A.I.D.  
FY 1974 - No Title X funds were obligated by A.I.D.  
Total through 6/30/74 - \$7,616,000

COUNTRY : Latin America Regional  
Project Name: Grant to PAFAMS  
Project No. : 932-15-580-479  
Contract No.: 1a 605  
Contractor : Pan American Federation of Medical Schools  
Began : Fiscal Year 1969  
Estimated Termination Date: Fiscal Year 1974

Description:

The programs of the Pan American Federation of Association of Medical Schools (PAFAMS) are supported by A.I.D. The objectives of the program are: workshops on demography and family planning for the medical and paramedical faculty personnel; reorientation of the teaching of obstetrics and gynecology to include family planning; and development of audiovisual educational materials in family planning for inclusion in the regular teaching programs of medical schools.

PAFAMS is working to have population and family planning included in medical school curricula. Its Population Studies Unit conducts demography seminars and workshops that include family planning; introduces family planning techniques in obstetrics/gynecology courses; and develops audiovisual materials for teaching family planning in medical schools.

Funding:

FY 1973 - \$456,000 Title X funds were obligated by A.I.D.  
FY 1974 - \$300,000 Title X funds were obligated by A.I.D.  
Total through 6/30/74 - \$1,983,000

COUNTRY : Latin America Regional  
Project Name: Funds to RTAC  
Project No. : 932-11-570-477  
Began : Fiscal Year 1968  
Estimated Termination Date: Fiscal Year 1974

Description:

This project provides educational materials for population/family planning activities through the Regional Technical Aids Center in Mexico for distribution in Latin America. Translations of films, books, reprints or articles, films, and film-strips dealing with population/family planning are distributed as requested by AID/W and USAIDs.

RTAC provides contract services for translations and procures copies and reprints of educational materials for use in population and family programs throughout Latin America.

Funding:

FY 1973 - \$300,000 Title X funds were obligated by A.I.D.  
FY 1974 - \$350,000 Title X funds were obligated by A.I.D.  
Total through 6/30/74 - \$1,061,000

BOLIVIA

FY 1973 Foreign Assistance Funds totaling \$17 million were obligated for A.I.D. activities. Of this amount \$234,000 was for one population project: Family Care Survey, 511-11-570-439.

In FY 1974 \$38.4 million was obligated for A.I.D. activities which included \$124,000 for the above project.

COUNTRY : Bolivia  
Project Name: Family Care Survey  
Project No. : 511-11-570-439  
Began : Fiscal Year 1967  
Estimated Termination Date: Fiscal Year 1977

Description:

The purposes of this project are to: (a) initiate and accelerate the provision of family planning services through the Government's maternal child health program (MCH), (b) continue the National Family Center's (CENAFa) seminar activities in sex education and family planning to stimulate a demand for services, and (c) train medical and paramedical personnel in community health medicine, with emphasis on the family planning aspects.

A.I.D. provides financial support for the MCH program, CENAFa, and the Health Sciences Faculties at three universities. Also, assistance is being provided to establish five family planning clinics.

Based on the preliminary findings of the health sector assessment currently underway, the project is expected to expand in conjunction with loan-funded rural health delivery services activities.

A family planning policy has been established by the Ministry of Health. Construction on the Ayo Ayo MCH Center has started, and the supporting Mobile Health Clinic is already operating. CENAFa's promotional activities have resulted in a request to the UN Family Planning Association (UNFPA) for a \$1.3 million extended MCH program with a heavy family planning component; the creation of PROFAM, a private family planning association; and request from 21 major labor union leaders for family planning services for their workers.

Funding:

FY 1973 - \$234,000 Title X funds were obligated by A.I.D.  
FY 1974 - \$171,000 Title X funds were obligated by A.I.D.  
Total through 6/30/74 - \$1,290,000

**BRAZIL**

FY 1973 Foreign Assistance Funds totaling \$40.6 million were obligated for A.I.D. activities. Of this amount \$42,000 was for one health project: Environmental Health, 512-11-999-000. In addition one project, Integrated Health Delivery Systems was loan-funded.

In FY 1974 \$4 million was obligated for A.I.D. activities which included \$42,000 for the above project.

The following projects funded by loans in prior years remained active:

Malaria Eradication, 512-L-072

Urban Sanitation, 512-L-080

Integrated Health Delivery Systems, 512-L-089

COUNTRY : Brazil  
Project Name: Integrated Health Delivery Systems  
Loan No. : 512-L-089  
Authorized : February 27, 1973  
Signed : August 20, 1973

Description:

A loan for \$7.6 million was approved in FY 1973 by AID and will test the hypothesis that elementary health services such as maternal/child care including nutrition can be made available to large scale populations (500,000 or more) within the existing financial and administrative capability of local governments. The feasibility project for one of the test sites - Montes Claros was developed by Tulane University. The system will rely on public sector employment and training of auxiliary health personnel in the provision of simple facilities. The idea is that when one such approach is proved feasible the government will replicate it throughout Brazil.

Funding:

Loan Agreement Amount : \$7,600,000  
Amount Utilized 6/30/74: -0-

COUNTRY : Brazil  
Project Name: Environmental Health  
Project No. : 512-11-999-000  
Contract No.: LA(HA) 68-65  
Contractor : Environmental Protection Administration  
Began : Fiscal Year 1971  
Estimated Termination Date: Fiscal Year 1975

Description:

This project provides funding for the services of one sanitary engineer provided as a consultant to the Government of Brazil on municipal water supply projects funded with AID loan support.

Funding:

FY 1973 - \$42,000 grant funds were obligated by A.I.D.  
FY 1974 - \$42,000 grant funds were obligated by A.I.D.  
Total through 6/30/74 -

COUNTRY : Brazil  
Project Name: Urban Sanitation  
Project No. : 512-22-521-291  
Loan No. : 512-L-080  
Authorized : May 1970  
Signed : April 2, 1971

Description:

This loan was authorized to assist the National Housing Bank carry out a program of sewerage system construction in key urban areas located in the poorer areas of Brazil, especially the Northeast.

The loan was signed April 2, 1971. Preparation of plans and specifications on several state programs were initiated during FY 1972.

Funding:

Loan Agreement Amount : \$25,000,000  
Amount Utilized 6/30/74: \$ 9,852,000

COUNTRY : Brazil  
Project Name: Malaria Eradication  
Project No. : 512-51-511-014  
Loan No. : 512-L-072  
Authorized : March 11, 1968  
Signed : May 21, 1968

Description:

A.I.D. assistance to malaria eradication in Brazil began in 1958. During the years 1958 until FY 1965, grant funds were provided for advisory services, training and commodities. Late in FY 1964 an A.I.D. loan (No. 1) was made to finance the foreign exchange costs of U.S. equipment, materials and supplies required for the national eradication program.

Loan No. 1 was extended to cover commodity requirements through December 31, 1968. A total of 12-man years of advisory assistance from the USPHS for a total of \$400,000 was to be provided under the loan.

A new \$10.3 million malaria eradication loan (No. 2) was authorized in FY 1968 to cover U.S. commodity import and U.S. technical assistance costs for FY 1969-1971.

Funding:

Loan Agreement No. 2 Amount: \$10,300,000  
Amount Utilized 6/30/74 : \$ 8,702,000

COLOMBIA

FY 1973 Foreign Assistance Funds totaling \$76.9 million were obligated for AID activities. Of this amount \$12,000 was for two health projects: Health Sector Analysis, 514-11-999-000.2 and Demographic Research, 514-11-580-150. In addition, one project, Health Sector Loan #1, 514-L-072 was loan-funded.

In FY 1974 \$40.1 million was obligated for AID activities which included \$595,000 for the above projects. Health Sector Loan #2, 514-U-075 and Rural Sanitation Loan, 514-U-076 were also funded in FY 1974.

COUNTRY : Colombia  
Project Name: Health Sector Loan I  
Loan No. : 514-L-072  
Authorized : February 27, 1973  
Signed : February 28, 1973

Description:

A health sector loan was approved in FY 1973 in the amount of \$19.4 million for a two year period in order to carry out the governments regionalized health program. The goal is provision of public health services to the largest proportion of the Colombian population which can be served in the reasonably near future. Direct provision of health services to an increasingly large portion of the population is to be achieved through priority attention to maternal/child care and through the creation of a regionalized health care delivery system. Regionalization is expected to increase the efficiency of the delivery system through unified direction and coordination of all public health services, increased delegation of functions to para-medical personnel throughout the country. The goal of the Colombian health plan in the years 1972-1980 is to provide services to 50% of the rural population by 1980. This loan supports the national health plan which places strong emphasis on broadening coverage of maternal and child care, regionalization and integration of public health services and preventive health measures, operations research to assess performance and reveal alternative approaches for future programs, health sector analysis, improved planning, and management and information systems.

Funding:

Loan Agreement Amount : \$19,400,000  
Amount Utilized 6/30/74: \$ 8,243,000

COUNTRY : Colombia  
Project Name: Health Sector Loan II  
Loan No. : 514-U-075  
Authorized : June 28, 1974  
Signed : February 28, 1975

**Description:**

The project to be supported by this loan includes the entire central government public health sector investment budget during CY 1975 and CY 1976.

The largest programs are: (1) Rural sanitation scheduled to receive a major portion of AID-loan funds; (2) "Protection," which provides for mass campaigns of disease control; (3) "Prevention," Nutrition, MCH, and Welfare will receive loan funds; (4) Recuperation funds for hospital, health centers, health posts and equipment are included.

This loan is expected to continue the progress achieved under loan 069 for the expansion of public health investment to broaden the coverage of services through regionalization; increased emphasis on preventative medicine as opposed to curative; expanded personnel training; strengthened operational and applied bio-social research; and improved mechanisms of intra- and inter-sectoral coordination, especially related to nutrition, maternal/child care, health education, urban development, and rural sanitation.

**Funding:**

Loan Agreement Amount : \$17,300,000  
Amount Utilized 6/30/74: None

COUNTRY : Colombia  
Project Name: Health Sector Analysis  
Project No. : 514-11-999-000.2  
Began : Fiscal Year 1973  
Estimated Termination Date: Fiscal Year 1976

Description:

A health sector analysis was initiated in FY 1973 to provide quantifiable data on which to base health resource allocations. The analysis will look at the cost effectiveness of the current health system and explore alternative systems. The objective of the analysis is to find the most efficient means to reduce mortality, morbidity and incapacity and to increase the access to health facilities.

Funding:

FY 1973 - \$212,000 grant funds were obligated by A.I.D.  
FY 1974 - \$125,000 grant funds were obligated by A.I.D.  
Total through 6/30/74 - \$337,000

COUNTRY : Colombia  
Project Name: Demographic Research  
Project No. : 514-11-580-150  
Contract No.: AID-514-126-T, 1a 702  
Contractor : University of North Carolina  
George Washington University  
Began : Fiscal Year 1968  
Estimated Termination Date: Fiscal Year 1979

Description:

The primary activities in this project have been to assist the National Statistics Department (DANE) in developing its institutional capability to obtain reliable data on demographic, health, education, and economic characteristics of the Colombian population; and to assist various Colombian institutions in preparing a cadre of qualified specialists to implement their population programs.

With A.I.D.-funded advisory assistance DANE has developed a household survey, improved utilization of its computer facilities, set up a population laboratory and completed field studies testing sampling techniques for determining population growth rates. One hundred ninety-four participants from various Colombian institutions have received training in demography and population and 27 have received census related training. Essentially all who have returned are engaged in various program activities.

In FY 1975, it is planned that the project will assist an expansion of family planning services and communications activities, and provide greater emphasis on in-country training, research, education and communications.

Funding:

FY 1973 - \$600,000 Title X funds were obligated by A.I.D.  
FY 1974 - \$470,000 Title X funds were obligated by A.I.D.  
Total through 6/30/74 - \$2,555,000

COUNTRY : Colombia  
Project Name: Rural Sanitation Loan  
Loan No. : 514-U-076  
Authorized : June 28, 1974  
Signed : December 17, 1974

**Description:**

The purpose of this loan is to assist the Government of Colombia carry out the urban sanitation activity of its Health Sector Investment program, the AID loan will support INSFOPAL's investment in selected water and sewer systems in smaller and intermediate cities. INSFOPAL, the implementing agency is the National Institute for Municipal Development.

The loan will provide financial assistance for selected sub-projects which meet the objectives of improving health status, of providing sanitary service and financial levels to a point where the systems are capable to receive national and international loans.

**Funding:**

Loan Agreement Amount : \$7,500,000  
Amount Utilized 6/30/74: None

COSTA RICA

FY 1973 Foreign Assistance Funds totaling \$1.291 million were obligated for AID activities. Of this amount \$379,000 was for one population project: Demographic Education, 515-11-580-105.

In FY 1974 \$8.9 million was obligated for AID activities which included \$411,000 for the above project.

COUNTRY : Costa Rica  
Project Name: Demographic Education  
Project No. : 515-11-580-105  
Began : Fiscal Year 1968  
Estimated Termination Date: Fiscal Year 1976

Description:

This project is designed to reduce the population growth rate through continuation of assistance to Costa Rican entities responsible for family planning programs. Financial assistance is provided to support increased personnel requirements of the Ministry of Health, the Costa Rican Demographic Association, the Social Security Agency and the Center for Family Integration so that the integrated health and family planning program can be extended to rural areas by use of paramedic personnel. The project will be extended until 1976 to support the paramedic training program that will substantially increase health and family planning services in the rural area.

Family planning services are offered in 109 clinics and hospitals of the Ministry, the Social Security Agency and the Demographic Association. Approximately 90,000 women have participated in the program. A large number of women who are not in the program obtain contraceptives on the open market. Both the Ministry and the Social Security Agency have continuously expanded and improved their family planning services. In 1973 there were 27,000 new acceptors. Young adults have learned about family planning at courses given by the Center for Family Integration and the Ministry Demographic Association. Between 1960 and 1973 the birth rate declined from 47.8 to 30.5 per 1,000.

Funding:

FY 1973 - \$379,000 Title X funds were obligated by A.I.D.  
FY 1974 - \$411,000 Title X funds were obligated by A.I.D.  
Total through 6/30/74 - \$2,252,000

DOMINICAN REPUBLIC

FY 1973 Foreign Assistance Funds totaling \$1 million were obligated for A.I.D. activities. Of this amount \$81,000 was for one health project: Health and Nutrition Sector Development, 517-51-531-085.

In FY 1974 \$12.6 million was obligated for A.I.D. activities which included \$153,000 for the above project.

In addition a prior year loan funded project, Maternal and Infant Care, 517-L-021, remained active.

COUNTRY : Dominican Republic  
Project Name: Health and Nutrition Sector Development  
Project No. : 517-51-531-085  
Contract No.: 1a-403, T.O. 517-24-T  
Contractor : Commonwealth of Puerto Rico  
Began : Fiscal Year 1970  
Estimated Termination Date: Fiscal Year 1974

Description:

The purpose of this project is to assist the Government in the expansion of its Public Health Services, mainly directed toward alleviating the pressures of a rapidly increasing population through: (1) an expanded system of rural clinics, sub-centers, and regional hospitals offering family planning and maternal and child care (MCH) services; (2) the implementation of a food supplement/nutrition education program for low-income citizens; (3) an extensive training program for medical and para-medical personnel; (4) the development of potable water sources in the poorer and less developed sections of the country, and (5) a fundamental change in philosophy from curative to preventive medicine.

This project is in support of the present Maternal and Infant Care Loan and the proposed Health Delivery Systems Loan. Advisory services are provided the government in (1) the construction/remodeling and staffing of 28 rural clinics, 14 sub-centers, and 7 hospitals; (2) the training of an estimated 7,500 medical and para-medical personnel; (3) the procurement of a large quantity of mobile and fixed medical equipment; (4) the development of integrated family planning, maternal and child care and food supplement/nutrition education programs; (5) the enactment of appropriate legislation leading with food fortification and labeling; and in (6) developing a comprehensive national food resources fortification and allocation program.

Funding:

FY 1973 - \$ 81,000 grant funds were obligated by A.I.D.  
FY 1974 - \$153,000 grant funds were obligated by A.I.D.  
Total through 6/30/74 - \$323,000

COUNTRY : Dominican Republic  
Project Name: Maternal and Infant Care  
Project No. : 517-22-531-100  
Loan No. : 517-L-021  
Authorized : June 25, 1968  
Signed : April 15, 1969

**Description:**

This loan is to assist the Secretariat of Health of the Government of the Dominican Republic finance the dollar and local currency costs to expand a health program of maternal and infant care (MIC). The loan provides for the procurement of equipment, education and training of personnel, studies, and the purchase or development of mass media materials for the program, and technical assistance to the Government of the Dominican Republic.

Implementation of the program started in 1970 with training courses for Secretariat of Health personnel.

Contracts for architectural and engineering services for construction of planned facilities were signed in December 1969. Bids were to be offered in April for construction of eight clinics, two subcenters and one health center. USAID had contracted with Guy Trimble and Associates for advisory services on medical and hospital equipment.

**Funding:**

Loan Agreement Amount : \$7,100,000  
Amount Utilized 6/30/74: \$4,896,000

ECUADOR

FY 1973 Foreign Assistance Funds totaling \$4.629 million were obligated for AID activities. Of this amount \$703,000 was for two health projects: Family Food and Nutrition, 518-15-560-112 and Population-Health Education, 518-51-591-094.

In FY 1974 \$2.583 million was obligated for AID activities which included \$604,000 for the above projects.

In addition a prior year loan-funded project, Malaria Eradication, 518-L-029A, remained active.

COUNTRY : Ecuador  
Project Name: Malaria Eradication  
Project No. : 518-21-511-029  
PASA No. : TCR(HA) 2-66  
Loan No. 1 : 518-L-029  
Authorized : June 28, 1966  
Signed : May 30, 1967  
Loan No. 2 : 518-L-029A  
Authorized : June 23, 1971  
Signed : September 24, 1971

Description:

Loans have been made to assist the Government of Ecuador to carry out the attack phase of a program for the eradication of malaria during a three-year period.

The National Malaria Eradication Service (SNEM) suffered near bankruptcy in FY 1968. It continued to have financial difficulties throughout FY 1969 because of the tardiness and irregularity of the Government of Ecuador's contributions. Labor union strikes in three of the four zones in early 1969 resulted in marked reduction of planned spraying operations in the areas of high malaria incidence. Slide positivity rates rose from 4.8 in January 1968 to 11.1 in December 1968. Malaria incidence increased in all four zones in the country. The program was reorganized in 1968 and began full operations in mid-1969. Although erratic, the Government of Ecuador's contribution to the program was much higher than in previous years which enabled greater program activity. The one CDC Malaria Program Advisory position was vacated in November 1969, and no further replacements have been made.

Areas with almost 200,000 population were reverted from consolidated phase to attack during 1969. The first complete coverage cycle of DDT house spraying under the new program was begun in February 1969 and completed in late July. Approximately 90% of the houses programmed were sprayed.

There are no known technical problems in Ecuador. If the government is able to continue to support the program, the incidence of malaria should decrease.

Funding:

Loan Agreement No. 1 Amount: \$2,000,000  
Amount Utilized 6/30/74 : \$2,000,000  
  
Loan Agreement No. 2 Amount: \$ 750,000  
Amount Utilized 6/30/74 : \$ 684,000

COUNTRY : Ecuador  
Project Name: Family Food and Nutrition  
Project No. : 518-15-560-112  
Contractor : PSC Nutrition Advisor  
Began : Fiscal Year 1973  
Estimated Termination Date: Fiscal Year 1976

Description:

The purpose of this project is to restructure the National Nutrition Institute (INNE) to find solutions to nutrition problems, especially of pre-school age children and pregnant or lactating women, and guide other GOE agencies in their application. The course of action involves the complete reorientation of INNE including the training and appointment of new personnel in areas not traditionally related to nutrition, such as mass advertising, economics and anthropology. Project responsibility will be assumed by the government in FY 1976.

A Project-Coordinator/Acting Director and seven persons have been hired since June 1973 to strengthen INNE's administrative capacity and to design innovative nutrition projects. One participant is being trained in Nutrition Programming; another is being trained in food anthropology. Two more will be trained in mass advertising techniques to develop mass media nutrition education programs based on the pilot project underway with AID/W sponsorship and INNE supervision. In 1974 INNE planned to provide nutrition orientation to EMPROVIT, an organization of state run stores that provide food at fair market prices.

Funding:

FY 1973 - \$101,000 Title X funds were obligated by A.I.D.  
FY 1974 - \$158,000 Title X funds were obligated by A.I.D.  
Total through 6/30/74 - \$243,000

COUNTRY : Ecuador  
Project Name: Health Education-Population  
Project No. : 518-51-591-094  
Contract No.: csd-2479  
Contractor : Columbia University, U. of N. Carolina  
Began : Fiscal Year 1966  
Estimated Termination Date: Fiscal Year 1974

**Description:**

The purpose of this project is (1) institutionalization of family planning in public health services through the Ministries of Public Health and Defense; (2) information programs to increase the demand for services through the Ministry of Social Welfare, the National Planning Board and the Ecuadorean Center for Family Education.

All family planning related activities of the Health Ministry are now consolidated under the Population Department which directs the national family planning movement and supplies greatly needed guidance to health centers and sub-centers. Ministry of Health centers providing services have increased from 44 to 59. A new pilot project with Malaria Service workers, to refer rural women for family planning service, has been successful and will be expanded. Construction of a Family Planning Population Training Institute was scheduled for mid-1973. Defense Ministry clinics have increased from 12 to 21 and service 7,000 acceptors.

Through the Ministry of Social Welfare, medical staff of the Andean Mission have been trained, family planning services have been initiated in 5 rural posts, and 2,000 rural leaders have received motivation training. The Planning Board has established a Demographic Analysis Center to gather and analyze data required for national demographic planning. The Ecuadorean Center for Family Education presented 9 sex seminars to 600 parents and 200 students.

The University of North Carolina is establishing a Population Laboratory to measure demographic changes.

**Funding:**

FY 1973 - \$602,000 Title X funds were obligated by A.I.D.  
FY 1974 - \$446,000 Title X funds were obligated by A.I.D.  
Total through 6/30/74 - \$4,272,000

EL SALVADOR

FY 1973 Foreign Assistance Funds totaling \$2 million were obligated for AID activities. Of this amount \$408,000 was for one population project, Population, 519-15-580-149.

In FY 1974 \$7.697 million was obligated for AID activities which included \$312,000 for the above project.

**COUNTRY : El Salvador**  
**Project Name: Family Planning and Health Services**  
**Project No. : 519-15-580-149**  
**Contract No.: csd-2479**  
**Contractor : Colombia University**  
**Began : Fiscal Year 1968**  
**Estimated Termination Date: Fiscal Year 1976**

**Description:**

This project provides technical and financial assistance to the Salvadorean Demographic Association (SDA), the Ministry of Health and the Social Security Institute (ISSS) for population and family planning programs. In July 1974 the President of El Salvador made a public announcement that the government had defined a national population policy, and that a council of five ministers will be created to form a national population commission which will be responsible for the implementation of that policy. Thus, the GOES is moving towards a National Population Policy in FY 1975. This policy will focus on the delivery of family planning services through the rural health infrastructure in the Ministry of Health (MOH) and a network of clinics managed by the Social Security Institute (ISSS).

Major developments in the program to date are:

- (a) Liberalized female sterilization regulations, male sterilization clinics and use of nurses and auxiliary nurses as primary providers of family planning services.
- (b) Other para-medical personnel such as malaria workers and sanitarians will distribute non-prescription contraceptives and conduct intensive education campaigns.
- (c) Various campesino service organizations, such as FOCCO and the Union Comunal Salvadorena have begun to play a major role in the dissemination of family planning information to the rural population.
- (d) The Demographic Association (SDA) has intensified its radio, television and mailing campaigns.
- (e) Ministries, such as the Ministry of Agriculture and Education, have begun to take a more active role in family planning and population matters.
- (f) Institutionalization of family planning training in the traditional health training institutions.
- (g) Research by the National Planning Council (CONAPLAN) on Demographic variables.

**Specific progress to date includes:**

- (a) Formation of a population unit in CONAPLAN which has drafted a population policy.
- (b) Opening of 227 MOH and 5 ISSS family planning service clinics.
- (c) Three MOH female sterilization clinics have been opened.
- (d) Ten MOH units which provide male sterilization were inaugurated in October 1974.
- (e) In 1974 approximately 75,000 women were enrolled in family planning programs in the three agencies (MOH, ISSS, and SDA).
- (f) The National Police, Community Development Agency (FOCCO), several factory owners, penal officials, and the Campesino Union have become actively involved in the support of family planning activities.
- (g) A National Fertility Study to quantify the progress of the National Population and Family Planning program was completed in June 1974.

**Funding:**

FY 1973 - \$408,000 Title X funds were obligated by A.I.D.  
FY 1974 - \$312,000 Title X funds were obligated by A.I.D.  
Total through 6/30/74 - \$2,895,000

GUATEMALA

FY 1973 Foreign Assistance Funds totaling \$9.5 million were obligated for A.I.D. activities. Of this amount \$707,000 was for one population project, Population and Rural Health, 520-11-590-189.

In FY 1974 \$2.5 million was obligated for A.I.D. activities which included \$669,000 for the above project.

In addition one prior year loan funded project, Rural Health Services and Facilities, 520-L-020, 520-L-021 remained active.

COUNTRY : Guatemala  
Project Name: Population and Rural Health  
Project No. : 520-11-590-189  
Contract No.: LA(HA) 27-70, csd-2587, T.O. No. 2  
Contractor : Association of American Medical Colleges  
Began : Fiscal Year 1968  
Estimated Termination Date: Fiscal Year 1977

Description:

The purpose of this project is to develop a Guatemalan government capability to provide family planning services throughout the country and a widespread public demand for such services. Upon conclusion of this project and related rural health loan projects, the National Health Program will include facilities, equipment and trained personnel in every municipality, providing family planning services to 20 percent of Guatemalan women in the fertile age group. Some 40 percent of the rural population have no current access to modern medical care. Existing public rural health services suffer from lack of trained staff, medical equipment, supplies and supervision. Although the Ministry has health posts in each county, the majority of these lack trained staff, equipment and a suitable locale. Currently the Ministry of Health offers family planning services in its 80 health centers and is expanding services to the health post level as quickly as the staff can be trained.

The Ministry and a private family planning association (APROFAM), have established an integrated office responsible for publicity, promotion and education on a national level.

Since January 1971 the National Family Planning program has enrolled 70,000 women in the program representing 12 percent of the target population and 7 percent of all women ages 15-47. The University of Del Valle has trained 200 of the programmed 3,150 primary and secondary teachers that will be trained in sex education during the next three years.

Funding:

FY 1973 - \$707,000 Title X funds were obligated by A.I.D.  
FY 1974 - \$669,000 Title X funds were obligated by A.I.D.  
Total through 6/30/74 - \$4,051,000

COUNTRY : Guatemala  
Project Name: Rural Health Services and Facilities  
Project No. : 520-22-530-206  
Loan No. 1 : 520-L-020  
Authorized : June 24, 1971  
Signed : November 19, 1971  
Loan No. 2 : 520-L-021

Description:

This program proposes an integrated health care delivery system to bring family planning, health, nutrition education, preventative and limited clinical medical services to rural areas. Phase one of the program included training of health assistants, midwives and maintenance technicians, construction and equipment of health posts, and vehicles. This is being financed under Loan No. 1.

Under Loan No. 2, the second phase of this program was initiated. It contemplates the renovation and equipping of national rural hospitals, construction of facilities to train nurses and other health personnel, equipping schools of medicine and dentistry and support for a health planning, statistics, and evaluation office in the National Economic Planning Council of Guatemala.

This unit has completed the health section of the National Development Plan, 1975-1979. It has added a qualified professional to develop programs for improved health data collection and processing. This unit works closely with the Office of Planning in the MOH and with the Planning Office of the Guatemalan Social Security Institute in order to develop an effective data base as an instrument for policy and decision making.

Funding:

Loan Agreement No. 1 Amount: \$2,500,000  
Amount Utilized 6/30/74 : \$ 679,000

Loan Agreement No. 2 Amount: \$3,400,000  
Amount Utilized 6/30/74 : None

GUYANA

FY 1973 Foreign Assistance Funds totaling \$3.1 million were obligated for A.I.D. activities. Of this amount \$2.4 million was for one loan-funded project, Rural Water Supply, 504-L-009.

In FY 1974 \$95,000 was obligated for A.I.D. activities. There were no health projects funded in FY 1974.

COUNTRY : Guyana  
Project Name: Water Supply Improvement  
Project No. : 504-22-125-048  
Loan No. 1 : 504-L-007  
Authorized : June 28, 1968  
Signed : August 24, 1968  
Loan No. 2 : 504-L-007A  
Authorized : September 1, 1968  
Signed : October 3, 1972

**Description:**

Loan No. 1 funded the U.S. dollar costs for improvement and extension to eight urban-rural water systems located adjacent to the Georgetown metropolitan area and a new well for additional water supply for the city of New Amsterdam.

Loan funds authorized in FY 1972 were to provide for the continuation of the project along the coast between Georgetown and New Amsterdam, and expand the area covered by the earlier loan along the east bank of the Demerara River. An appropriate water corporation is to be established by the Guyanese.

**Funding:**

Loan Agreement No. 1 Amount: \$2,600,000  
Amount Utilized 6/30/74 : \$2,600,000  
  
Loan Agreement No. 2 Amount: \$2,400,000  
Amount Utilized 6/30/74 : \$ 577,669

HAITI

FY 1973 Foreign Assistance Funds totaling \$6.3 million were obligated for A.I.D. activities. Of this amount \$1.771 million was for one health project, Malaria Eradication, 521-11-511-033.

In FY 1974 \$8.7 million was obligated for A.I.D. activities, which included \$869,000 for one health project, Communicable Disease Control, 521-11-510-070.

COUNTRY : Haiti  
Project Name: Malaria Eradication  
Project No. : 521-11-511-033  
Began : Fiscal Year 1961  
Estimated Termination Date: Fiscal Year 1974

Description:

The goal of the malaria program in Haiti is to eradicate the disease from the country. The campaign is in the attack phase. Approximately 70% of the malarious area population live in areas receiving semi-annual cycles of DDT spraying. Fifty percent of all malaria cases are found in three districts. The number of cases detected in the country in 1971, 11,347 cases, was the highest in seven years. Following a Strategy Review of the program in May 1970, the team concluded that eradication in Haiti was dependent on continued international and bilateral funding; development and adherence to a three-year plan; an efficient and practical procedure for interrupting transmission in the problem areas; and continued autonomy of the Malaria Eradication Organization, SNEM.

An international technical team evaluated the program in January 1972. Among the recommendations made were: (1) greater flexibility be exercised in program execution; (2) trails in space spraying be made; (3) those areas be moved to consolidation phase where malaria had been practically eradicated; and (4) that the Government should plan to integrate the malaria organization within the general health service at the appropriate time.

Funding:

FY 1973 - \$1,771,000 grant funds were obligated by A.I.D.  
FY 1974 - No grant funds were obligated by A.I.D.  
Total through 6/30/74 - \$19,137,000

COUNTRY : Haiti  
Project Name: Communicable Disease Control (Rural  
Health Delivery Development)  
Project No. : 521-11-510-070  
Began : Fiscal Year 1974  
Estimated Termination Date: Fiscal Year 1978

Description:

The purpose of this project is to assist the Government of Haiti to improve the health of the rural population by extending the range of health services available through the National Malaria Eradication Service (SNEM) while providing for its inclusion in a single, national public health service. This will be accomplished by training the members of the SNEM organization as health auxiliaries, establishing procedures for effective maintenance of malaria control, expanding SNEM's services to include tetanus, tuberculosis, smallpox and yaws control, and assisting the Government of Haiti in the creation and adoption of a new policy for the implementation of an efficient program to deliver health service to the rural population.

In 1973/74 the Haitian Department of Public Health and Population made some measurable progress in attempting to create a health sector policy and implementation plan to extend health services to the rural population where such services are now largely absent. Included in the proposal is the reorientation of SNEM as described above. The impact of this policy development, however, has been somewhat limited due in part to a change in key Ministry personnel, including the Minister, but also due to the magnitude of the task and the scarcity of reliable data on which to postulate alternative approaches to maximizing services consistent with Haitian resource capabilities. Thus the Ministry, with A.I.D. assistance, is designing a more comprehensive health assessment to be undertaken in FY 1975 which will be the basis of a refined plan. One alternative being considered is the further transformation of SNEM, beyond communicable disease control into a comprehensive rural health delivery arm of the Ministry. Meanwhile, the first stage transformation of SNEM into a broad communicable disease control agency is well underway. For example, SNEM has inventoried the extensive system of midwives which operate in rural areas and is enrolling them in training programs designed to reduce tetanus caused by improper severing and treatment of the umbilical cord, a major cause of infant mortality in Haiti.

Funding:

FY 1974 - \$869,000 grant funds were obligated by A.I.D.  
Total through 6/30/74 - \$869,000

HONDURAS

FY 1973 Foreign Assistance Funds totaling \$5.574 million were obligated for A.I.D. activities. Of this amount \$985,000 was for three health projects: Maternal and Child Health, 522-11-580-065, National Data Systems, 522-11-790-103, and Health Sector Study, 522-11-590-113.

In FY 1974 \$24.6 million was obligated for A.I.D. activities, which included \$798,500 for the above projects.

COUNTRY : Honduras  
Project Name: Maternal and Child Health  
Project No. : 522-11-580-065  
Began : Fiscal Year 1966  
Estimated Termination Date: Fiscal Year 1981

Description:

This project is for the purpose of assisting the Ministry of Health expand its Maternal and Child Health Program, which includes family planning services. Included is provision for long and short term training in population/family planning and administration for physicians, registered nurses, social workers, health educators and auxiliary nurses. Technical and financial assistance is given for education and information on family planning, population dynamics, and responsible parenthood by means of radio, television, press and other mass media methods.

A Maternal Child Health and Family Planning section was established in the Ministry of Public Health in June 1968. It is concentrating on building a system of 40 clinics with a staff of 238 people which will eventually make family planning and MCH services available to a large percentage of women in the fertile age group. The 40 clinics were to be in operation by the end of calendar year 1974.

Funding:

FY 1973 - \$670,000 Title X funds were obligated by A.I.D.  
FY 1974 - \$679,000 Title X funds were obligated by A.I.D.  
Total through 6/30/74 - \$3,267,000

COUNTRY : Honduras  
Project Name: National Data Systems-Statistical  
Development  
Project No. : 522-11-790-103  
Contractor : Bureau of the Census  
Began : Fiscal Year 1972  
Estimated Termination Date: Fiscal Year 1975

Description:

This project was included in the FY 1973 Congressional Presentation as part of Project No. 522-11-790-039, Public Administration. When it was approved for implementation, however, it was funded with Population grants. The project is designed to assist in the preparation, development and institutionalization of a data system to implement the Inter-American Plan of Basic Statistics (PIEB) in the Government of Honduras, utilizing the decennial census to procure the data base. During FY 1974, the schedule calls for developing the statistical cartographic capability in the Census Directorate; completing pre-censal work for the 1974 Population and Housing Census; beginning census enumeration; continuing design work on demographic data systems, and planning for the use of computer capabilities for census activities.

The Honduras census originally scheduled for August 1973 has been postponed to March 1974, but preparation of censal maps continues. The National Geographic Institute has executed 44 out of the 74 required photo-mosaics prepared from aerial photography, and 9 out of 38 base maps. The Census Directorate has completed 4 out of 14 Departmental maps and 300 municipal maps, 405 original maps have been completed for other urban areas, and field work has been accomplished for 3,000 censal maps.

Approximately 60 employees have received cartographic training, and 20 have been trained in the utilization of Census Tabulation System software. Initial computer use studies have been completed.

In 1974, U.S. advisors will give technical services to help implement the statistical plan.

Funding:

FY 1973 - \$314,000 Title X funds were obligated by A.I.D.  
FY 1974 - \$108,000 Title X funds were obligated by A.I.D.  
Total through 6/30/74 - \$644,000

COUNTRY : Honduras  
Project Name: Health Sector Study  
Project No. : 522-11-590-113  
Began : Fiscal Year 1973  
Estimated Termination Date: Fiscal Year 1975

Description:

A scope of work for a health sector assessment was made in FY 1973 by a Health Planning Consultant through a PASA with the Office of International Health, DHEW. The assessment was planned to be undertaken late in FY 1974 and early FY 1975. A team of health planners and economists initiated the assessment beginning in late June 1974. The assessment was cancelled following the hurricane in early FY 1975.

Funding:

FY 1973 - \$ 1,000 grant funds were obligated by A.I.D.  
FY 1974 - \$11,500 grant funds were obligated by A.I.D.  
Total through 6/30/74 - \$12,500

JAMAICA

FY 1973 Foreign Assistance Funds totaling \$5.6 million were obligated for A.I.D. activities. Of this amount \$529,000 was for one population project, Family Planning, 532-11-580-030.

In FY 1974 \$9.6 million was obligated for A.I.D. activities, which included \$202,000 for the above project.

COUNTRY : Jamaica  
Project Name: Family Planning  
Project No. : 532-11-580-030  
Began : Fiscal Year 1966  
Estimated Termination Date: Fiscal Year 1978

Description:

The purpose of this project is to assist the Government of Jamaica in lowering the birth rate from 40 per thousand in 1966 to 25 by 1978. A.I.D. attention is directed principally toward helping strengthen the capability of the National Family Planning Board (NFPB) in areas such as provision of clinical services, training of personnel and educational programs.

Family planning services are provided by 150 clinics. There are special training courses in counselling for clinic personnel and in team building for parish health/family planning workers. A series of workshops in organizational development was initiated with A.I.D. assistance. Emphasis is also being given to educational efforts. Integration of family planning with health and other social services is being accelerated. Some 400 community health aides have been trained. A.I.D. provides commodities, technical advisors and participant training grants to the NFPB and supports institutional development in population/family planning activities at the University of the West Indies (UWI). A.I.D. also assists private groups engaged in service and educational programs in special areas of need.

Funding:

FY 1973 - \$529,000 Title X funds were obligated by A.I.D.  
FY 1974 - \$202,000 Title X funds were obligated by A.I.D.  
Total through 6/30/74 - \$2,985,000

NICARAGUA

FY 1973 Foreign Assistance Funds totaling \$22.5 million were obligated for A.I.D. activities. Of this amount \$2.4 million was obligated for one population project, Family Planning, 524-11-580-072, and one loan-funded project, Emergency Program Loan, 524-L-028.

In FY 1974 \$12.3 million was obligated for A.I.D. activities, which included \$510,000 for Family Planning and Health Technical Support, 524-11-999-000.

In addition one prior year loan-funded project, Rural Mobile Health 524-L-023 remained active.

COUNTRY : Nicaragua  
Project Name: Health Centers - Rural Mobile Health  
Project No. : 524-11-530-080  
Loan No. : 524-L-023  
Authorized : June 25, 1968  
Signed : August 23, 1968

Description:

This loan is to enable the Government of Nicaragua to construct and staff new health centers and to purchase equipment, materials, and medicines for these centers and for its rural mobile health program (PUMAR). Fifty-five health centers have been constructed and equipped under terms of the loan.

Funding:

Loan Agreement Amount : \$2,200,000  
Amount Utilized 6/30/74: \$1,904,000

COUNTRY : Nicaragua  
Project Name: Family Planning  
Project No. : 524-11-580-072  
Began : Fiscal Year 1968  
Estimated Termination Date: Fiscal Year 1974

Description:

The purpose of this project is to assist the Office of Family Welfare of the Ministry of Health in the development of a public institutional capacity to motivate people towards family planning and to deliver services to them. The primary emphasis is on development of institutions within the public health sector capable of delivering family planning services. The secondary emphasis is on training for family planning workers.

The Nicaraguan Government prior to the earthquake in December 1973 had assumed the financial responsibility for 20% of the operational costs of the program. Partial integration of family planning delivery services had been made within health delivery systems.

A.I.D. assistance to the Ministry of Health includes support in more than 60 clinics throughout the country, ten Social Security Institute clinics and the Moravian Hospitals in Bilwaskarma and Puerto Cabezas on the Atlantic Coast.

Funding:

FY 1973 - \$400,000 Title X funds were obligated by A.I.D.  
FY 1974 - \$494,000 Title X funds were obligated by A.I.D.  
Total through 6/30/74 - \$2,834,000

COUNTRY : Nicaragua  
Project Name: Emergency Program Loan (2 Hospitals)  
Loan No. : 524-L-028  
Authorized : February 2, 1973  
Signed : February 9, 1973

Description:

Two 250-bed hospitals were constructed and one hospital was refurbished with funds from a FY 1973 A.I.D. \$15 million emergency program loan made following the earthquake in December 1973. Approximately \$2 million of the \$15 million Emergency Program Loan was used for the hospitals.

Funding:

Loan Agreement Amount : \$2,000,000  
Amount Utilized 6/30/74: \$1,000,000

COUNTRY : Nicaragua  
Project Name: Health Technical Support (Health Sector  
Analysis)  
Project No. : 524-11-999-000  
Began : Fiscal Year 1974  
Estimated Termination Date: Continuing

**Description:**

This project provided funding for consultants as follows:

Health Administration - 3 man months  
Consultant for Health Centers Evaluation - 3 man months  
Health Planning Consultant - 1 man month

**Funding:**

FY 1974 - \$116,000 grant funds were obligated by A.I.D.  
Total through 6/30/74 - \$116,000

PANAMA

FY 1973 Foreign Assistance Funds totaling \$7.078 million were obligated for A.I.D. activities. Of this amount \$4,416,000 was obligated for one health project, Health and Population, 525-15-580-142 and one loan-funded project, Rural Health and Nutrition Loan, 525-L-040.

In FY 1974 \$10.5 million was obligated for A.I.D. activities, which included \$552,000 for Health and Population.

COUNTRY : Panama  
Project Name: Health and Population  
Project No. : 525-15-580-142  
PASA No. : LA(HA) 31-67  
Contractor : U.S. Public Health Service  
Began : Fiscal Year 1967  
Estimated Termination Date: Fiscal Year 1975

Description:

The purpose of this project is to reduce Panama's annual population growth rate of 3% to 2% by the year 2000 and to support a comprehensive Ministry of Health (MOH) program aimed at getting both family planning information and techniques out to the general public. By the end of FY 1974, it is hoped that 15% of fertile age females (14-49) will be acceptors of MOH family planning services.

At the end of FY 1973, approximately 12.5% of Panama's 349,000 fertile age women were using some form of family planning obtained through the MOH program with another 10% through commercial channels. MOH now provides some 300 tubal ligations per month as compared to virtually none a few years ago. Thirty-six MOH health centers have been constructed or renovated and all 74 health centers are now equipped for and providing family planning services. Through combined television, radio and press coverage, the MOH has informed nearly the entire 1.5 million population of Panama of the availability of family planning services. Pertinent MOH personnel have attended Ministry population dynamics courses; 109 participants have been trained in Public Health including 4 receiving Master's degrees. Four hundred twenty auxiliary nurses have completed six-month training programs in the last three years. MOH and Social Security (CSS) services are now integrated in Colon Province.

Funding:

FY 1973 - \$616,000 Title X funds were obligated by A.I.D.  
FY 1974 - \$552,000 Title X funds were obligated by A.I.D.  
Total through 6/30/74 - \$3,422,000

COUNTRY : Panama  
Project Name: Panama City Water Supply  
Project No. : 525-22-521-138  
Loan No. : 525-L-028 and 525-L-028A  
Authorized : May 24, 1971  
Signed : September 30, 1971

Description:

The objective of the project is to assist the government in meeting the urgent need of Panama City for a new and sizable water supply which can satisfy the demands of its rapidly growing urban area.

Funding:

Loan Agreement Amount : \$20,030,806  
Amount Utilized 6/30/74: \$15,360,000

COUNTRY : Panama  
Project Name: Rural Health and Nutrition Loan  
Loan No. : 525-L-040  
Authorized : October 6, 1972  
Signed : January 25, 1973

Description:

In FY 1973 A.I.D. authorized this loan to help the Ministry of Health expand its rural community health and nutrition program. Some 200,000 rural dwellers, or about 30% of the rural population are expected to benefit from the Ministry's objective of providing 200 self-help community gardens, 200 running water systems and 900 hand operated wells. The program calls for health care combined with environmental sanitation and community food production.

More than 200 community health committees are being established at the village level to achieve a more effective combined use of governmental and community self-help resources. Medical and agricultural technicians work with these committees on public health problems with emphasis on the need for community gardens, balanced diets, pure water and family planning.

Panama will invest \$5.4 million in the program and UNICEF will contribute \$400,000. The AID loan will finance \$1.8 million of sanitation equipment and \$2 million in agricultural equipment and supplies.

Funding:

Loan Agreement Amount : \$3,800,000  
Amount Utilized 6/30/74: \$ 563,000

PARAGUAY

FY 1973 Foreign Assistance Funds totaling \$6 million were obligated for A.I.D. activities. Of this amount, \$544,000 was for one health project, Population and Nutrition, 526-11-580-085.

In FY 1974 \$10.5 million was obligated for A.I.D. activities, which included \$190,000 for the above project.

COUNTRY : Paraguay  
Project Name: Population and Nutrition  
Project No. : 526-11-580-085  
Began : Fiscal Year 1965  
Estimated Termination Date: Fiscal Year 1975

Description:

The purpose of this project is (1) to create an awareness on the part of the Paraguayan Government of the serious problems of rapid population growth, (2) to reduce the annual population growth rate over a ten-year period from its projected 3.6 percent in 1969 to a projected 2.5 percent by 1979, and (3) to enlist and maintain the necessary Government of Paraguay policy and financial support of the formulation and implementation of a national policy.

In June 1972, a Department of Family Protection was created within the Ministry of Public Health. This Department has concentrated its efforts on analyzing and improving the operation of the present 13 family planning clinics, rather than on opening new clinics. Over 300 persons have received local and third country training in family planning. The A.I.D.-assisted Institute for the Study of Human Reproduction (IHR), part of the faculty of medicine of the National University, is completing a study on abortion and a study of the sale of contraceptives. Three project-sponsored research studies (leaders' opinions on family planning, the economics of different population growth rates, and the impact of the Papal Encyclical) have been completed, in addition to those studies being done by the IHR. A fourth study (Migration) was to be finished by June 1973.

Funding:

FY 1973 - \$544,000 Title X funds were obligated by A.I.D.  
FY 1974 - \$190,000 Title X funds were obligated by A.I.D.  
Total through 6/30/74 - \$1,532,000

PERU

FY 1973 Foreign Assistance funds totaling \$3.8 million were obligated for A.I.D. activities. Of this amount, \$149,000 was for one population project, Human Resources and Population Studies, 527-11-590-132.

In FY 1974 \$12.1 million was obligated for A.I.D. activities, which included \$82,000 for the above project.

**COUNTRY : Peru**  
**Project Name: Human Resources and Population Studies**  
**Project No. : 527-11-590-132**  
**Began : Fiscal Year 1967**  
**Estimated Termination Date: Fiscal Year 1976**

**Description:**

The purpose of this project is to assist the Government of Peru with studies to obtain information about population growth and its relationship to development.

The Center for the Study of Population and Development was established in 1964 by presidential decree to investigate population growth and demographic matters. In June 1970, a committee was established by government decree to develop guidelines for use in formulation of a national population policy. Private agency initiatives have received support for salaries of local personnel, locally procured commodities, travel, and educational materials for family planning activities.

In June 1971, A.I.D. signed a project agreement with the National Planning Institute to enable that center to develop an economic-demographic model, applicable to national development planning. GE-TEMPO investigators are collaborating in the development of the model which will be used to analyze demographic variables in relation to the Peruvian economy. The first phase of the work has been completed and is being prepared for publication and distribution to ministries, university faculties and to other decision makers. A second project is expected to lead to more accurate statistics in the demographic area. The last stage of the model was scheduled for completion by December 1974.

**Funding:**

**FY 1973 - \$149,000 Title X funds were obligated by A.I.D.**  
**FY 1974 - \$ 82,000 Title X funds were obligated by A.I.D.**  
**Total through 6/30/74 - \$1,512,000**



BUREAU FOR SUPPORTING ASSISTANCE

Program Plans

The U.S. provides Security Supporting Assistance to selected countries or international organizations to promote or maintain economic or political stability. In FY 1973, 85 per cent of the FY 1973 Security Supporting Assistance program was programmed for Vietnam, Cambodia, Laos, Thailand, and East Asia regional projects.

In FY 1974 assistance for Indochina was presented to Congress separately following the ceasefire in Vietnam. New emphasis was to be placed on relief and reconstruction for that area. Supporting Assistance was requested for five countries. They were: Isreal, Jordan, Thailand, Malta and Spain.

Summary of Program Implementation

FY 1974 Supporting Assistance funds amounting to \$236.208 million were obligated for A.I.D. activities in Latin America. Of that \$26.976 million (11.4%) was obligated for health, population and nutrition projects. In FY 1974, \$16.523 million (8.0%) of \$206.513 million was obligated for health, population and nutrition activities. See Table 13 on page 214.

The amount of funds obligated for health, population and nutrition projects by country or other allocation is shown on Table 14 on page 216.

The distribution of active projects in FY 1973 and FY 1974 and the number of countries with projects is shown below:

Projects	FY 1973	FY 1974	No. of Countries
Total	13	12	3*
Health	8	8	3
Population	4	3	3
Nutrition	1	1	1

\*This total reflects the number of countries receiving Supporting Assistance which have health, population and nutrition activities. There are no regional activities included for Supporting Assistance funding.

Table 15 on page 217 shows the amounts of funds obligated for health projects by type of activity and country or other allocation.

Table 13

Funds obligated for A.I.D. activities and amount and percentage for health, population and nutrition projects by country or other allocation, Supporting Assistance, FY 1973 and FY 1974.

FY 1973

Allocation	Total	Health Population & Nutrition	Percentage for Health, Population & Nutrition
	(thousands of dollars)		
Total	236,208	26,976	11.4
Jordan	10,976	-	-
Khmer Republic	1,794	-	-
Laos	47,138	5,063	10.7
Thailand	14,062	2,157	15.3
Vietnam	162,238	19,756	12.1

**Table 13**

Funds obligated for A.I.D. activities and amount and percentage for health, population and nutrition projects by country or other allocation, Supporting Assistance, FY 1973 and FY 1974.

FY 1974

<b>Allocation</b>	<b>Total</b>	<b>Health Population &amp; Nutrition</b>	<b>Percentage for Health, Population &amp; Nutrition</b>
	<b>(thousands of dollars)</b>		
<b>Total</b>	<b>206,513</b>	<b>16,523</b>	<b>8.0</b>
Burma	4,800	-	-
Jordan	60,976	-	-
Khmer Republic	92,900	-	-
Laos	33,531	4,225	12.6
Thailand	14,306	1,156	8.0
Vietnam	384,100	11,142	3.0

Table 14

Funds obligated for health, population, and nutrition projects by country or other allocation, Supporting Assistance, FY 1973 and FY 1974.

Area	Total		Health		Population		Nutrition	
	1973	1974	1973	1974	1973	1974	1973	1974
Total	26,976	16,523	23,560	14,204	3,391	2,299	25	20
Laos	5,063	4,225	4,283	3,640	780	585	-	-
Thailand	2,157	1,156	343	126	1,789	1,010	25	20
Vietnam	19,756	11,142	18,934	10,438	822	704	-	-

Table 15

Funds obligated for health projects by type of activity and country or other allocation, Supporting Assistance, FY 1973 and FY 1974 (\$1,000's).

FY 1973

Allocations	Total	Delivery of Health Services	Health Planning and Analysis	Environmental Sanitation	Specific Disease Control	Health Administration and Management	Other
Total	23,560	4,808				16,980	1,772 <sup>1</sup>
Laos	4,283	4,283					
Thailand	343	343					
Vietnam	18,934	182				16,980	1,772

FY 1974

Total	14,204	3,766				9,340	1,098
Laos	3,640	3,640					
Thailand	126	126					
Vietnam	10,438					9,340	1,098

<sup>1</sup> Medical Education

HEALTH, POPULATION, AND NUTRITION PROJECTS  
SUPPORTING ASSISTANCE  
FY 1973 - FY 1974

<u>Area</u>	<u>Project Number</u>	<u>Title</u>	<u>Contractor</u>	<u>FY 1973 Funds</u>	<u>FY 1974 Funds</u>
Israel		No health projects			
Jordan		No health projects			
Cambodia		No health projects			
Laos	439-11-570-081	Maternal and Child Health	Operation Brotherhood AID-439-423	780,000	585,000
Laos	439-11-590-066	Public Health Development	Operation Brotherhood	4,283,000	3,640,000
Thailand	493-11-540-179	Rural Health		343,000	126,000
Thailand	493-11-580-209	Family Health	APHA	1,789,000	1,010,000
Thailand	493-11-590-248	Hill Tribe Food Research		25,000	20,000
Vietnam	730-11-540-150	Medical and Dental Education	AMA, ADA vn-79, vn-76	1,772,000	1,098,000
Vietnam	730-11-530-347	Provincial Health Assistance	Children's Med. Relief Int'l. AMA, Int'l. Rescue Committee	505,000	367,000
Vietnam	730-11-530-348	Public Health Services	Republic of Korea (Korean Preventive Medicine Teams)	929,000	449,000

<u>Area</u>	<u>Project Number</u>	<u>Title</u>	<u>Contractor</u>	<u>FY 1973 Funds</u>	<u>FY 1974 Funds</u>
Vietnam	730-11-590-350	Health Logistic Support	URS Systems Corp.	14,832,000	7,000,000
Vietnam	730-11-599-375	Public Health General Support		714,000	812,000
Vietnam	730-11-530-403	National Center for Plastic and Reconstructive Surgery	Childrens Med. Relief Int'l, vn-12	182,000	712,000
Vietnam	730-11-580-405	Population and Family Planning		546,000	704,000
Vietnam	730-11-590-416	Population Services Education		276,000	—

LAOS

FY 1973 Foreign Assistance Funds totaling \$47.138 million were obligated for A.I.D. activities. Of this amount \$5.063 was for two health projects: Maternal and Child Health, 439-11-470-081 and Public Health Development, 439-11-590-066.

In FY 1974 \$33.531 million was obligated for A.I.D. activities which included \$4.225 million for the above projects.

COUNTRY : Laos  
Project Name: Maternal and Child Health  
Project No. : 439-11-570-081  
Contract No.: AID 439-423  
Contractor : Operation Brotherhood  
Began : Fiscal Year 1969  
Estimated Termination Date: Undertermined

Description:

This project is directed towards assisting the Lao Government in its goal of reducing the crude birth and death rates substantially over a 30-year period. The objective is to reduce the net annual increase in population from the present 2.6% to a much more supportable rate of 1.5%. It aims to assist in the development of a healthy Lao population, growing at a rate that contributes to family prosperity and overall national economic and social development. Analysis of data collected in demographic surveys will provide a reasonable profile of the population for planning future program assistance.

In January of 1972 the Laos Government adopted a formal population policy and established a Commission for the Promotion of Family Well-Being which is charged with carrying out the national population policy. In September of 1973 a 200-bed maternal and child health hospital was dedicated in the capital city of Vientiane. This hospital serves as a training center for physicians, nurses, midwives and other health personnel. Courses in maternal and child health as well as family planning are given. Personnel being trained in this hospital will staff over 100 clinics now in operation. The hospital also provides family planning services and classes in family planning to the patients. A 100-bed hospital is nearing completion in the provincial center of Pakse. The hospital will provide clinical and out-patient services as well as training for health personnel.

In 1974, A.I.D. provided funding for a public health nurse advisor, a hospital administration advisor, and a demographer; training at population and family planning workshops in the United States for two participants and training in Thailand for 32 participants including doctors, nurses and midwives; commodities consisting mainly of medical equipment and supplies; and other costs which included funding for the construction/renovation of the above health centers and clinics.

Funding:

FY 1973 - \$780,000 Title X funds were obligated by A.I.D.  
FY 1974 - \$585,000 Title X funds were obligated by A.I.D.  
Total through 6/30/74: \$4,416,000

COUNTRY : Laos  
Project Name: Public Health Development  
Project No. : 439-11-590-066  
Contract No.: AID 439-423  
Contractor : Operation Brotherhood  
Began : Fiscal Year 1957  
Estimated Termination Date: Undetermined

Description:

This project is designed to provide medical services to meet immediate and long-range health needs in Laos. The primary objective is to maintain existing health systems with special emphasis on medical services in refugee relocation areas. This is necessary to reduce mortality in these congested and highly vulnerable populations.

Services provided since 1963 included 202,679 in-patient and 15,793,469 out-patient visits. In FY 1973, 35,159 in-patients were treated in seven USAID-supported hospitals with a capacity of 670 beds and 3,695,910 out-patient visits were recorded in 210 rural dispensaries. Refugees account for over a third of the patient visits in recent years.

In FY 1974, a 50 bed provincial hospital complex was completed at Sayaboury, replacing an inadequate facility. A medical equipment repair facility constructed during FY 1973 and FY 1974 began operations to provide expertise and in-country training in medical equipment repair. In addition, 396 participants have completed training in various fields of medical and related public health studies.

This project will also contribute to a United Nations Development Program/Lao Government five-year malaria control program that resulted from the World Health Organization pilot Vientiane Plain malaria project conducted from 1969 to 1973.

1974 funding further provided medical and industrial equipment, vehicles, petroleum, health education materials, and equipment for rural medical facilities.

Funding:

FY 1973 - \$4,283,000 grant funds were obligated by A.I.D.  
FY 1974 - \$3,640,000 grant funds were obligated by A.I.D.  
Total through 6/30/74: \$32,415,000

THAILAND

FY 1973 Foreign Assistance Funds totaling \$14.062 million were obligated for A.I.D. activities. Of this amount \$2.157 million was for three health projects: Rural Health, 493-11-540-179; Family Health, 493-11-580-209, and Hill Tribe Food Research, 493-11-590-248.

In FY 1974 \$14.306 million was obligated for A.I.D. activities which included \$1.106 million for the above projects.

COUNTRY : Thailand  
Project Name: Comprehensive Rural Health  
Project No. : 493-11-540-170  
Began : Fiscal Year 1966  
Estimated Termination Date: Fiscal Year 1974

Description:

The purpose of this target is to establish an effective network of medical services particularly in security-sensitive rural areas and to complement preventive medical efforts and promote the utilization of high protein food products in both rural and urban areas.

The project involves the long-term development of the Thai Government's capacity to provide health services and information, and impact activities.

Most short-range targets are now being met or exceeded. There has been considerable improvement and expansion of available health facilities and marked improvement in the provision of health services to the rural population. Some successfully completed A.I.D.-assisted elements of the projects as of FY 1974 are as follows:

(1) The Ministry of Public Health completed plans to implement integrated rural health services in 40 selected sensitive provinces and began implementation in 12 pilot provinces.

(2) Medical and training equipment was provided for the Ministry of Public Health Training Division for use in medical care training of health workers.

(3) Medical equipment was provided for five pilot demonstration first class health centers, five new mobile health education teams, and for 542 paramedics in the Accelerated Rural Development project.

(4) The Ministry of Public Health was reorganized, combining its (formerly separate) curative and preventive health care divisions, to make its health services more responsive to the health needs of the nation.

(5) Commodity support for Rural Health Centers was provided mainly drugs, supplies and equipment.

(6) Research and development was continued on a group of prototype protein-rich foods now available for commercial production and marketing.

**Funding:**

FY 1973 - \$343,000 grant funds were obligated by A.I.D.  
FY 1974 - \$126,000 grant funds were obligated by A.I.D.  
Total through 6/30/74: \$6,395,000

COUNTRY : Thailand  
Project Name: Family Health  
Project No. : 493-11-580-209  
Contractor : APHA  
Began : Fiscal Year 1968  
Estimated Termination Date: Fiscal Year 1974

Description:

The objective of this project was to reduce Thailand's high population growth rate. A.I.D. helped provide family health services throughout the country by strengthening the capability of the Mahidol University School of Public Health at Bangkok in population dynamics and family planning and by supporting the population education efforts of the Thai Government.

The immediate target was to help the Thai Government complete the expansion of family planning services to all 71 provinces and increase the number of acceptors per operating clinic. The United States provided advisory services to the Ministry of Public Health, contraceptives, medical equipment, and participant training for doctors, nurses, and related professions. Long-term targets were to reduce the population growth rate of Thailand from over 3 per cent to 2.5 per cent by the end of 1976. Specific project targets for Fiscal Year 1973 were to reach 400,000 to 450,000 new family planning acceptors. The U.N. and the Population Council also provide assistance to the Thai Government's endeavors.

At the beginning of FY 1974 the project was on schedule with family planning services offered to some extent in all 71 provinces. Over 460 doctors, 960 nurses, and 3,050 midwives had completed a one-week course in family planning and some 350 clinics had been equipped to provide family planning services. Agreement had been reached with officials of the Accelerated Rural Development project for 40 mobile medical teams in the remote Northeast to promote and provide family planning services for elements of the population not previously covered. The Ministry of Public Health, through its Provincial Hospital network, agreed to include family planning services in connection with its 15 mobile medical teams. Nurse-midwife training in IUD insertion was given. Expanded use of paramedical personnel in the program was underway. Oral contraception has been provided. Popular demand for oral contraceptives has increased markedly over the last several years with a substantial increase in commercial sales. The Ministry of Education has decided to include "population awareness" material in texts at all school levels over the next three years.

**Funding:**

FY 1973 - \$1,789,000 Title X funds were obligated by A.I.D.  
FY 1974 - \$1,010,000 Title X funds were obligated by A.I.D.  
Total through 6/30/74: \$8,431,000

COUNTRY : Thailand  
Project Name: Hill Tribe Food Research  
Project No. : 493-11-590-248  
Began : Fiscal Year 1973  
Estimated Termination Date: Fiscal Year 1974

Description:

This project provided funding to establish a canning factory in Chaing Rai. Local foods were processed and canned for consumption of the local population. A.I.D. furnished equipment. The local Thai governor contributed the land and building. As an adjunct to this activity a child nutrition center and dispensary were built by the local population. The King dedicated the project and presided at the opening ceremonies.

Funding:

FY 1973 - \$25,000 grant funds were obligated by A.I.D.  
FY 1974 - \$20,000 grant funds were obligated by A.I.D.  
Total through 6/30/74 - \$45,000

VIETNAM

FY 1973 Foreign Assistance Funds totaling \$162.238 million were obligated for A.I.D. activities. Of this amount \$19.756 million was for seven health projects: Medical and Dental Education, 730-11-540-150; Provincial Health Assistance, 730-11-530-347; Public Health Services, 730-11-530-348; Health Logistic Support, 730-11-590-350; Public Health General Support, 730-11-599-375; National Center for Plastic and Reconstructive Surgery, 730-11-540-403; Population and Family Planning, 730-11-580-405; and, Population Services Education, 730-11-590-416.

In FY 1974 \$384.1 million was obligated for A.I.D. activities which included \$11.142 million for the above projects with the exception of Population Services Education which required no FY 1974 funds.

COUNTRY : Vietnam  
Project Name: Medical and Dental Education  
Project No. : 730-11-540-150  
Contract No.: VN-79, VN-76  
Contractor : American Dental Association, American  
Medical Association  
Began : Fiscal Year 1957  
Estimated Termination Date: Fiscal Year 1976

Description:

The objective of this project is to develop a medical/dental education system in Vietnam capable of providing, on a continuing basis, well-trained doctors and dentists equipped to meet the health and dental care needs of the population.

Specifically, the targets are to maintain the 200-level annual graduate output at Saigon University Medical School on a continuing basis and to develop a well-qualified staff and modern facilities for teaching of medical and dental care by 1975. Modern facilities will include libraries, laboratories and maintenance equipment. Personnel upgrading will involve study in the United States for selected teachers and English language training for faculty members. Short and long-term advisors are provided by the American Medical Association and the American Dental Association.

Emphasis in the Faculty of Medicine is placed on clinical training through assignment of fifth and sixth year medical students to provincial hospitals and graduate training for faculty members. Post-graduate courses are conducted at the University of Saigon and at American universities. Support for the Medical Library is by the U.S. National Library of Medicine.

The development of a modern and self-regenerating Vietnamese dental education system has been accomplished. The dental faculty is at 92 percent of its planned full-time strength. Modern curriculum has been introduced and accepted in all of the departments of the Faculty of Dental Medicine and the target of graduating 50 professionally qualified dentists each year has been reached.

The goals of the medical education program are on schedule with the medical faculty up to 67% of its planned full-time strength and doing all of the teaching. Although some departments need further

assistance, the Faculty of Medicine now has the capability to meet the project goal of graduating 200 physicians annually. All of the Basic Science departments and 40 percent of the Clinical Science departments are using modern curriculum.

The services of the American Medical Association will continue to be required in the Clinical Science departments of Internal Medicine, Obstetrics/Gynecology, Pediatrics, Pathology and Community Medicine.

**Funding:**

FY 1973 - \$1,772,000 grant funds were obligated by A.I.D.  
FY 1974 - \$1,098,000 grant funds were obligated by A.I.D.  
Total through 6/30/74: \$17,269,000

Country : Vietnam  
Project Name: Provincial Health Assistance  
Project No. : 730-11-530-347  
Contract No.: See Below\*  
Contractor : See Below\*  
Began : Fiscal Year 1967  
Estimated Termination Date: Fiscal Year 1974

Description:

The objective of this project has been to assure adequate medical care for civilian war casualties and refugees through provision of U.S. and Free World medical personnel and the upgrading of the quality of Vietnamese Government personnel and facilities. The quality of Vietnamese care has been improved through advisory assistance in the fields of hospital administration, laboratory, the use of x-ray equipment, pharmacy and other hospital specialty departments.

The Province and Prefecture Health Services have been augmented and supported by increasing numbers of trained Vietnamese civilian medical and paramedical personnel. Also, Vietnamese military medical and paramedical personnel have been assigned to Ministry of Health installations. Where it has been necessary, U.S. and Free World medical teams have been assigned to support province or city health facilities.

In-country and offshore training programs have increased the capabilities of Vietnamese personnel. Emphasis has been placed on improving hospital administration and on development of a functioning referral system, including laboratory and pharmacy support.

This project is being phased out as scheduled in FY 1974, with the exception of the Children's Medical Relief International which has been extended until June 30, 1975. The National Center for Plastic and Reconstructive Surgery continues to successfully treat an average of 85 patients monthly, 90% whom are children. The Ministry of Health continues to assume increased operational responsibilities.

Funding:

FY 1973 - \$505,000 grant funds were obligated by A.I.D.  
FY 1974 - \$367,000 grant funds were obligated by A.I.D.  
Total through 6/30/74: \$27,600,000

**\* Contractors:** American Medical Association, vn-59  
International Rescue Committee, vn-78  
Republic of Korea, Ministry of Health, AID-730-2903-T  
Republic of China, AID-730-2591-T  
Children's Medical Relief International, Inc., vn-12

Country : Vietnam  
Project Name: Public Health Services  
Project No. : 730-11-530-348  
Contractor : Republic of Korea  
Began : Fiscal Year 1967  
Estimated Termination Date: Fiscal Year 1976

Description:

Under this project A.I.D. assists the Ministry of Health in the planning and administration of a national public health program designed to prevent the spread of communicable diseases and to control endemic diseases. Assistance is being provided in communicable disease control, child health and nutrition, refugee health and medical care, village and school health and sanitation, hospital administration and management, and health manpower/development.

Since its inception in 1967 through 1973 this project has provided over 100 million immunizations, and as a result plague was reduced to 349 cases in 1973 and cholera to 55 cases in 1973. Health surveys of 111 of 128 orphanages have been completed and health training programs for orphanage personnel started. Basic health services and essential sanitary facilities have been made available to over one million refugees since the 1972 invasion. Ninety-eight sanitary hamlets were completed and sanitary facilities were completed in 94 schools by December 31, 1973. Hospital administration/management training is being expanded from participant/on-the-job training to a formal in-country program. The Health Education Service was equipped and staffed, and its personnel are continuing training in subjects such as laboratory techniques, vector biology, follow-up of disease outbreaks and survey methodology.

The Government of Vietnam is initiating a new comprehensive community and preventive medicine program. Related elements of this project will be incorporated into this new program while the remainder of the project will terminate in FY 1976 as planned.

Funding:

FY 1973 - \$929,000 grant funds were obligated by A.I.D.  
FY 1974 - \$449,000 grant funds were obligated by A.I.D.  
Total through 6/30/74: \$7,200,000

COUNTRY : Vietnam  
Project Name: Health Logistics Support  
Project No. : 730-11-590-350  
Contractor : URS Systems Corp.  
Began : Fiscal Year 1967  
Estimated Termination Date: Fiscal Year 1977

Description:

The goals of this project are to assist the Ministry of Health logistics system provide for the immediate commodity and maintenance requirements of the health sector and to develop a capacity for this logistics system to operate effectively without foreign assistance.

The goals are being accomplished by providing U.S. Government (A.I.D. and U.S. Department of Defense) funds for procurement of essential health commodities beyond the present capability of the Government of Vietnam, and by providing technical assistance including training with a gradual phase-over to complete Vietnamese responsibility for funding, procurement, supply management and equipment maintenance by the end of 1976.

During FY 1973, the Government of Vietnam doubled its funding support to 2.4 billion piasters and procured through its own channels the equivalent of \$2.5 million worth of medical commodities with its own funds. Virtually the full complement of Ministry of Health personnel needed have been trained and are in place. A medical logistics catalog has been printed, distributed and is now in use. A fully automated medical logistics system has been developed and largely implemented, and now awaits transfer to the government computer center. Four depots and 17 warehouses have been constructed and are now in use. Facilities are now deemed adequate.

Funding:

FY 1973 - \$14,832,000 grant funds were obligated by A.I.D.  
FY 1974 - \$7,000,000 grant funds were obligated by A.I.D.  
Total through 6/30/74: \$22,832,000

COUNTRY : Vietnam  
Project Name: Public Health General Support  
Project No. : 730-11-599-375  
Began : Fiscal Year 1967  
Estimated Termination Date: Fiscal Year 1978

Description:

The purpose of this project is to provide policy guidance, administrative services, and technical support for A.I.D. personnel assisting the Ministry of Health and the Ministry of Education programs in the health sciences in order to carry out effectively the extensive civilian health program of the Government of Vietnam.

Under this project the Assistant Director of the Public Health Division, his Deputy and staff are responsible for the direction and supervision of the USAID nationwide Public Health Assistance Program. Concurrent with these activities, this group also provides technical assistance and policy guidance to the Ministry of Health at the national level.

Regional Public Health supervisors and medical advisors to the Ministry of Health field operations are also placed under this general support project to reflect total administrative and support costs more accurately.

Funding:

FY 1973 - \$714,000 grant funds were obligated by A.I.D.  
FY 1974 - \$812,000 grant funds were obligated by A.I.D.  
Total through 6/30/74: \$5,473,000

COUNTRY : Vietnam  
Project Name: National Center for Plastic and  
Reconstructive Surgery  
Project No. : 730-11-530-403  
Contract No.: vn-12  
Contractor : Children's Medical Relief International  
(CMRI)  
Began : June 1970  
Estimated Termination Date: December 1974

**Description:**

The objective of this project is to demonstrate government concern for the welfare of its war-disabled citizens and to develop a reconstructive and plastic surgery capability within the Vietnamese medical profession, to include treatment facilities directed toward children who are under 16 years of age. The Ministry of Health and the contract doctors will form survey teams to select patients from outlying areas for surgery in the Saigon facility. CMRI staff will train Vietnamese staff in surgical treatment in order to phase them into the operation with responsibility for the center as soon as possible.

In August 1969, the Center was moved from a small temporary 10-15 bed unit near the Cho Ray Hospital to its permanent home - a 50-bed model unit contracted specifically for reconstructive and plastic surgery. The Contractor is continuing its program of advanced training for Vietnamese staff at the National Center for Plastic and Reconstructive Surgery and treating an average of 100 patients per month, of which children comprise 90% of the patient workload.

**Funding:**

FY 1973 - \$182,000 grant funds were obligated by A.I.D.  
FY 1974 - \$712,000 grant funds were obligated by A.I.D.  
Total through 6/30/74: \$1,940,000

COUNTRY : Vietnam  
Project Name: Population/Family Planning  
Project No. : 730-11-580-405  
Began : Fiscal Year 1971  
Estimated Termination Date: Fiscal Year 1977

Description:

The purpose of this project is to assist the Vietnamese Government in reducing the annual population growth rate from approximately 3% in 1973 to less than 2% in 1980.

As of June 1974, 100 family planning clinics have been established. This represents a more than 50% increase in the number of operating clinics compared to 1972. Approximately 30,000 women are currently practicing contraception via government clinics and perhaps 20,000 through private clinics. Two hundred and thirty doctors, 1,230 midwives, 100 other health personnel and 80 social workers have been trained in family planning. In April 1973, a National Population Council, chaired by the Prime Minister, was established.

Funding:

FY 1973 - \$546,000 Title X funds were obligated by A.I.D.  
FY 1974 - \$704,000 Title X funds were obligated by A.I.D.  
Total through 6/30/74: \$1,062,000

COUNTRY : Vietnam  
Project Name: Population Services Education  
Project No. : 730-11-590-416  
Began : Fiscal Year 1973  
Estimated Termination Date: Fiscal Year 1974

Description:

The purpose of this project is to create population awareness through education by : (1) modernization of the curricula for the national educational system to include population awareness information and materials; (2) development of teaching resources and materials; and (3) development of university research. The project also supports administrative training and social and demographic research.

Funding:

FY 1973 - \$276,000 Title X funds were obligated by A.I.D.  
FY 1974 - No Title X funds were obligated by A.I.D.  
Total through 6/30/74 - \$276,000



NON-REGIONAL HEALTH, POPULATION, AND NUTRITION ACTIVITIES

In addition to country and regional health, population and nutrition projects, A.I.D. undertakes nonregional projects to support field programs. These include research activities, which are identified in project identification numbers as 931-17-\*\*\*-\*\*\* or 932-17-\*\*\*-\*\*\*. Further, under Title II, Section 103, of the Foreign Assistance Act of 1961, as amended, A.I.D. provides funds to support American-sponsored schools and hospitals abroad. Other components of the A.I.D. health, population, and nutrition programs, not previously described in the report, are the AID/W domestic program support services and the technical consultation and support services of the PHS and other Federal Agencies.

Summary of Program Implementation

In FY 1973, A.I.D. obligated \$85.375 million for nonregional activities. This did not include contributions to multilateral organizations, except Title X Funds for the United Nations Fund for Population Activities. Of this amount \$77.841 million was obligated for health, population and nutrition activities. In FY 1974, \$85.658 million of a total of \$115.454 was obligated for health, population, and nutrition activities.

Funding for support to American-sponsored schools and hospitals abroad amounted to \$25.928 million in FY 1973 and \$18.800 in FY 1974. Health-related projects included the following:

Project	FY 1973	FY 1974
Total	14,065,000	9,449,000
Project Hope	2,000,000	1,000,000
Shaare Zedak Hospital	325,000	-
Cheng Hsin Rehabilitation Center	425,000	75,000
Presbyterian Medical Center - Korea	100,000	75,000
Polish American Congress	50,000	147,000
Hadassah Medical Center	150,000	250,000
Weizmann Institute of Science	1,500,000	1,500,000
Chemke Mercy Hospital	50,000	24,000
American Hospital, Rome	3,385,000	250,000
American Hospital, Paris	575,000	3,175,000
American University in Beirut	5,000,000	2,500,000
Admiral Bristol Hospital	505,000	200,000
American Children's Hospital - Poland	-	203,000
Seoul Children's Hospital	-	50,000

Funding for nonregional health, population, and nutrition projects was as follows:

Projects	FY 1973 (\$1,000s)	FY 1974 (\$1,000s)
<b>Total</b>	77,810	97,827
Health	1,064	3,155
Population	75,424	90,854
Nutrition	1,322	3,818

Distribution of the total number of nonregional health, population and nutrition projects was as follows:

Projects	FY 1973	FY 1974
<b>Total</b>	134	143
Health	25	24
Population	92	95
Nutrition	17	24

Nonregional project activities were implemented in a variety of ways. Many were contracts or grants to U.S. institutions, U.S. non-profit and international organizations, and U.S. private industry. Others were implemented by A.I.D. or for A.I.D. through technical support agreements with other U.S. Government Agencies. These agreements are called Resources Support Services Agreements or RSSAs and description of activities covered under such agreements is included in the narrative project summaries under Health and Nutrition. For Population, such activities are included under AID/W Miscellaneous.

FY 1973 and 1974 funds were required from non-regional health activities as follows:

<u>Activity</u>	<u>Amount</u>	
	FY 1973	FY 1974
<b>Total</b>	1,064	3,155
Environmental Health	386	382
Health Manpower Development	78	430
Disease Control	433	932
Health Planning	4	655
Delivery of Health Services	117	302
Health Administration & Management	46	454

All nonregional health, population and nutrition projects are listed in the index of each program section by key-problem area of concentration.

AID/Washington Support Staff

In addition to nonregional project activities described in this section of the report, general A.I.D. administrative support funds provide for the services of professional support staff for health and nutrition in the Technical Assistance Bureau. In addition, there are professional support staff in each of the Regional Bureaus. The disciplines and specialities represented for all AID/W based professional staff are included in the Table on page



HEALTH PROJECTS  
NON-REGIONAL  
FY 1973 - FY 1974

<u>Project Number</u>	<u>Title</u>	<u>Contractor Loan No.</u>	<u>FY 1973 Funds</u>	<u>FY 1974 Funds</u>
<u>KPA<sup>1</sup> #11 Health Delivery Services</u>				
931-11-590-211	Health Facilities Administration	AHA csd-2598	46,000	50,000
931-11-540-212	Health Manpower Development	AAMC AID-TA-C-1063	22,000 *(15,000)	40,000 *(20,000)
931-11-540-975	Teaching Community Medicine	Harvard csd-3613	56,000 *(30,000)	90,000 *(30,000)
931-11-580-957	Institutional Development and Program Grant - Family Health Inc.	Tulane Univ. csd-3311	*(314,000)	---
931-11-580-971	Development and Evaluation of Integrated Delivery Systems (DEIDS)	APHA csd-3423	---	275,000 *(1,775,000)
NEW	Resources Support - MEDEX	DHEW/OIH	---	300,000
931-11-590-890	Voluntary Health Organizations	APHA csd-2801	117,000 *(72,000)	27,000
<u>KPA #12 Health Planning</u>				
931-11-540-035	Training Health LDC Planners	U. of Michigan AID/ta-C-1101	---	100,000
931-17-590-587	Economics of Health Delivery Systems (R)	Gov't. of Colombia	---	250,000
931-11-570-002	Health Planning for Low Cost Delivery Systems	Johns Hopkins AID/ta-C-1085	---	60,000

1 Key Problem Area  
\* Title X funds

<u>Project Number</u>	<u>Title</u>	<u>Contractor Loan No.</u>	<u>FY 1973 Funds</u>	<u>FY 1974 Funds</u>
931-11-570-101	Institutional Grant: Johns Hopkins	Johns Hopkins csd-1939	---	150,000
931-11-999-987	Studies of National Health and Manpower Plans	DHEW/OIH <sup>2</sup>	---	25,000
NEW	Analysis of INCAP Nutrition Data (R)	DHEW/OIH	---	25,000
NEW	Resources Support - DHEW/OIH	RSSA	---	404,000
NEW	Resources Support - DHEW/NLM <sup>3</sup>	RSSA	---	45,000
931-17-590-567	Investigate Alternative Health Programs	Dr. Raymond Neutra CM/ta-C-73-42	4,000	---
<u>KPA #13 Environmental Health</u>				
931-11-510-823	Epidemic Smallpox Reserve	DHEW/CDC WOH(HA) 12-68	---	---
931-11-510-867	Food Waste/Sanitation Cost Benefits	U. of N. Carolina csd-2959	195,000	316,000
931-11-510-903	Development of Fenitrothion	WHO	160,000	200,000
931-11-520-204	International Program in Sanitary Engineering Design	U. of N. Carolina csd-1888	90,000	---
931-11-995-535	Genetic Control of Mosquitoes (Research)	U. of Notre Dame csd-3159	92,000	176,000

<sup>2</sup>Office of International Health

<sup>3</sup>National Library of Medicine

<u>Project Number</u>	<u>Title</u>	<u>Contractor Loan No.</u>	<u>FY 1973 Funds</u>	<u>FY 1974 Funds</u>
931-11-995-995	Global Cholera Strategy	WHO	35,000	---
931-17-511-552	Malaria Immunity and Vaccination (Research)	U. of New Mexico csd-3689	146,000	556,000
931-17-520-563	Low Cost Methods of Water and Waste Treatment in LDC's (Research)	U. of Oklahoma AID/CM/ta-C-73-13	82,000	66,000
931-17-521-454	Field Research for Water Pump (Research)	Battelle csd-3305	9,000	---
931-17-560-508	Nutrition Loss Due to Intestinal Malabsorption (Research)	DHEW/CDC RA(HA) 9-69	10,000	---

NON-REGIONAL: Office of Health, TAB  
Project Name: Consultation Services in  
Hospital Administration  
Project No. : 931-11-590-211  
Contract No.: csd 2598, T.O. #1  
Contractor : American Hospital Association  
Began : May 29, 1970  
Estimated Termination Date: Fiscal Year 1976

Description:

The purpose of this project is to provide a resource for evaluation analysis and planning for administration and strengthening of health services (both facility and non-facility based) as a basis for expansion of delivery systems for preventive and medical care to a large majority of populations currently having limited or no access to minimal essential services. Particular attention is directed to family planning, MCH and care for women of reproductive age and children under five years of age.

These services are being provided to A.I.D. through a contract with the American Hospital Association. Emphasis will be placed upon facility planning and personnel training of hospital administrators in LDC's for support of low-cost health delivery systems (rural and urban). The AHA provides consultants for the planning and evaluation of facilities and the infrastructure necessary to enhance the low-cost delivery of family planning, nutrition and general health services to increased numbers of people currently not having ready access to these services. During FY 1973 the contractor provided consultants to Vietnam and Nicaragua. Resources for observation and training of health facility administrators have been identified. The International Hospital Association conference in September 1973, addressed the need for LDC emphasis on urban rural health facility expansion to provide access to non-hospital bases services.

Funding:

FY 1973 - \$46,000 grant funds were obligated by A.I.D.  
FY 1974 - \$50,000 grant funds were obligated by A.I.D.  
Total through 6/30/74: \$232,000

NON-REGIONAL: Office of Health, TAB  
Project Name: Health Manpower Development  
Project No. : 931-11-540-212  
Contract No.: AID-ta-C 1063  
Contractor : American Association of Medical Colleges  
Began : Fiscal Year 1974  
Estimated Termination Date: Fiscal Year 1974

Description:

The Division of International Medical Education of the Association of American Medical Colleges is undertaking for A.I.D. a survey of established community health training programs in schools of medicine, public health and related organizations in at least four selected developing countries. After completion of survey visits, recommendations will be developed for action by A.I.D., the developing country or by other donor organizations. The final report is scheduled for June 1974.

Funding:

FY 1973 - \$22,000 grant funds were obligated by A.I.D.  
          \$15,000 Title X funds were obligated by A.I.D.  
FY 1974 - \$40,000 grant funds were obligated by A.I.D.  
          \$20,000 Title X funds were obligated by A.I.D.  
Total through 6/30/74 - \$1,055,000

NON-REGIONAL: Office of Health, TAB  
Project Name: Teaching Community Medicine and  
Family Planning in Community  
Project No. : 931-11-540-975  
Contract No.: csd-3613  
Contractor : Harvard University  
Began : Fiscal Year 1972  
Estimated Termination Date: Fiscal Year 1975

Description:

The objective of this project is to improve teaching competence of teachers of community medicine and family planning in the less developed countries to improve public health and strengthen educational policy with respect to community medicine and family planning. A contract was signed with Harvard University on June 30, 1972. The contractor is responsible for providing a project leader, research assistants, teaching fellows, consulting and visiting lecturers, books, journals, audiovisual materials and supplies. Fifty students completed the first year's course. Over 100 students applied for the FY 1974 course with only 50 being accommodated.

Funding:

FY 1973 - \$56,000 grant funds were obligated by A.I.D.  
\$30,000 Title X funds were obligated by A.I.D.  
FY 1974 - \$90,000 grant funds were obligated by A.I.D.  
\$30,000 Title X funds were obligated by A.I.D.  
Total obligation through 6/30/74 - \$272,000

NON-REGIONAL: Office of Health, TAB  
Project Name: Institutional Development, Family  
Health, Inc.  
Project No. : 931-11-580-957  
Contract No.: csd-3311  
Contractor : Tulane University  
Began : Fiscal Year 1971  
Estimated Termination Date: Fiscal Year 1974

Description:

Through this project a grant has been made to Tulane University to assist collaborating institutions in selected less developed countries to conduct large-scale family planning delivery system prototypes as a means to develop, test, demonstrate and train for solutions to rapid population growth. The objective is to identify at least five collaborating institutions. Feasibility studies were completed on Brazil, Colombia Mexico, and Paraguay with participation by collaborating institutions.

Funding:

FY 1973 - \$314,000 Title X funds were obligated by A.I.D.,  
FY 1974 - No funds were obligated by A.I.D.  
Total through 6/30/74 - \$1,268,000 Title X funds

NON-REGIONAL: Office of Health, TAB and  
Office of Population, PHA  
Project Name: Development and Evaluation of Integrated  
Delivery Systems for Health, Family  
Planning and Nutrition  
Project No. : 931-11-580-971  
Contract No.: csd-3423  
Contractor : American Public Health Association  
Began : Fiscal Year 1972  
Estimated Termination Date: Fiscal Year 1980

Description:

The purpose of this project is to develop and evaluate low cost integrated systems for better delivery of family planning, nutrition, and health services which permit receptive access to the large majority of target population groups such as women of reproductive age and children under five years of age. Pilot projects are to be developed in up to four countries, predominately in rural areas.

This project is designed to develop over the next several years some guidance for planning low cost delivery systems in LDCs. This project is designed for a target population of at least 500,000 in predominantly rural settings to discover innovative approaches to integrate the delivery systems for health, nutrition, and family planning.

In May 1972, a contract was signed with the American Public Health Association (APHA) to establish core staff, make site reconnaissance, select subcontractors and supervise field programs.

DEIDS is a three phase program generally planned to cover 7-10 years. Phase I includes a literature search and screening effort to select potential countries for the activity. Phase II includes planning the activity in association with national leadership, after careful study of existing health, family planning, and nutrition patterns within the potential sites, making the necessary intra-governmental agreements, and developing and proposing the modus operandi for conducting the activity. Phase II covers implementation of the project over a period of 5-8 years, depending on the country situation.

Phase I included African planning visits to Nigeria and Zaire. Phase II has been completed in Ecuador and Thailand. Phase III was initiated in Thailand in FY 1974 with the University of Hawaii under subcontract to provide advisory services. Phase III in Ecuador is expected to start in early FY 1975.

**Funding:**

FY 1973 - No grant funds were obligated by A.I.D.  
FY 1974 - \$1,775,000 Title X funds were obligated by A.I.D.  
          \$ 275,000 grant funds were obligated by A.I.D.  
Total through 6/30/74 - \$2,050,000

**See page 372, Population Section.**

NON-REGIONAL: Office of Health  
Project Name: Health Manpower Development - MEDEX  
Contractor : DHEW/OIH  
Began : Fiscal Year 1974  
Estimated Termination Date: Fiscal Year 1977

Description:

This agreement provides funding for an international health manpower development staff which will:

(1) Serve as a resource and response unit capable of responding to USAIDs in the planning and development of mid-level (MEDEX type) health manpower who will provide basic health services (including preventive medicine, nutrition, and family planning) in LDCs designated by A.I.D.

(2) Provide technical assistance and support competence in the task of MEDEX type manpower development for planning, staff recruitment, program implementation and management, training, and evaluation of health manpower programs.

(3) Develop, field test, refine, and evaluate a problem-oriented System to Train Essentials to MEDEX (STEM) utilizing protocol based training packages which can be adopted into multiple LDC settings to train new types of health manpower.

The ultimate goal is to provide elementary health, family planning and nutrition services to village people.

The Office of International Health has contracted with the University of Hawaii, which has recruited and developed a Health Manpower Development Staff.

Funding:

FY 1974 - \$300,000 grant funds were obligated by A.I.D.  
Total through 6/30/74 - \$300,000

NON-REGIONAL: Office of Health, TAB  
Project Name: Voluntary Health Organizations  
Project No. : 931-11-590-890  
Contract No.: csd-2801  
Contractor : American Public Health Association  
Began : June 30, 1970  
Estimated Termination Date: June 30, 1974

Description:

The objectives of the project are to survey and report on present status of health professional associations and voluntary health agencies in A.I.D.-assisted LDC's; analyze the effectiveness of such organizations in supporting government-sponsored health, population, and nutrition programs in no less than three LDC's; identify methods for initiating, organizing, or strengthening such to increase public support of health, population, and nutrition programs; and to submit at least two illustrative plans to A.I.D. wherein APHA, in cooperation with other appropriate organizations, can assist in the initiation or strengthening of programs within health professional associations and/or voluntary health agencies to mobilize public support for the government-supported health, population, and nutrition programs.

The contract with APHA was signed on June 30, 1970 and is scheduled to be completed June 30, 1974. During the first year of the contract, a staff under Dr. Hugh Leavell was activated. Questionnaires have been received from thirty-six voluntary organizations. Two sites and organizations have been selected and approved for demonstrating methods to strengthen voluntary health organizations and professional associations. These are the Centro de Orientacion Familiar in Costa Rica and the Philippine Public Health Association in the Philippines. APHA is collaborating in this worldwide project with the World Federation of Public Health Associations (WFPHA).

Funding:

FY 1973 - \$117,000 grant funds were obligated by A.I.D.  
and \$72,000 Title X funds.  
FY 1974 - \$27,000 grant funds were obligated by A.I.D.  
Total through 6/30/74 - \$216,000

**NON-REGIONAL: Office of Health**  
**Project Name: Training LDC Health Planners**  
**Project No. : 931-11-540-035**  
**Contract No.: AID/TA-C-1101**  
**Contractor : University of Michigan**  
**Began : Fiscal Year 1974**  
**Estimated Termination Date: Fiscal Year 1979**

**Description:**

The purpose of this project is to assist in the integration of national health planning and national development planning by providing trained personnel in appropriate disciplines to bring about efficient analysis and planning of health resources.

Through a contract, the University of Michigan will establish a training program to provide the necessary skills and an interface between economic and social planners and senior health officials (macroplanning vs microplanning) to meet the national requirements. New courses and existing courses tailored to the needs of LDC planners will be included in the curriculum. The proposed curriculum for qualified applicants will be one full year in duration. It will provide courses in health planning, economics, demography, public health, operations research and management. The capacity of the planning tracks will be about 20 students per year.

The project will also make available approximately 10 man-months of professional consultation to LDCs annually during the life of the project to follow-up trainees in their home countries and assist them with current planning problems.

**Funding:**

FY 1974 - \$100,000 grant funds were obligated by A.I.D.  
Total through 6/30/74 - \$100,000

NON-REGIONAL: Office of Health, TAB  
Project Name: Economics of Health Delivery Systems  
Project No. : 931-17-590-587  
Contractor : Government of Colombia  
Began : Fiscal Year 1974  
Estimated Termination Date: Continuing

Description:

The National Planning Department of the Government of Colombia is undertaking a comprehensive quantitative analysis of health program alternatives. The objective of the analysis is the identification of those health sector alternatives which most efficiently address national health sector goals. The product of the research, i.e., a reliable set of data concerning relative cost-effectiveness of alternative health sector programs will be available to the Agency in development of new initiatives in the field of low-cost health delivery systems.

Funding:

FY 1974 - \$250,000 grant funds were obligated by A.I.D.  
Total through 6/30/74: \$250,000

NON-REGIONAL: Office of Science & Technology, TAB  
Project Name: Health Planning for Low Cost Delivery Systems  
Project No. : 931-11-570-002  
Contract No.: AID/ta-C-1085  
Contractor : Johns Hopkins University  
Began : Fiscal Year 1974  
Estimated Termination Date: Fiscal Year 1977

**Description:**

The purpose of this project is to provide leadership in key problem perception, analysis and planning for health in relation to economic and social development. Funds are provided under this grant to Johns Hopkins University which has developed an institutional capability in its School of Hygiene and Public Health in providing teaching, research, and technical competence to develop qualified leaders in LDC's to assume leadership for planning and implementing national health programs.

**Funding:**

FY 1974 - \$60,000 grant funds were obligated by A.I.D.  
Total through 6/30/74 - \$60,000

COUNTRY : Office of Health  
Project Name: Institutional Grant: Johns Hopkins  
Project No. : 931-11-570-101  
Contract No.: csd-1939  
Contractor : Johns Hopkins University  
Began : Fiscal Year 1968  
Estimated Termination Date: Continuing

Description:

A grant was made under authority of Section 211 (d) of FAA Act of 1966 to develop within Johns Hopkins University specialized competency in the population and family planning field and in international health. The University strengthened its educational competence by expanding its teaching capacity, curriculum and opportunities for students' practical experience in international health, population dynamics and family planning as related to the needs of the less developed countries. Further development of research capability in these fields has been an integral part of this institution's program and is closely related to its educational activities.

Funding:

FY 1974 - \$15,000 grant funds were obligated by A.I.D.  
The original grant was made in FY 1968. It included \$1.3 million Title X funds and \$500,000 grant funds.  
Total through 6/30/74 - \$1,950,000

See page 353, Population Section

NON-REGIONAL: Office of Health, TAB  
Project Name: Studies of National Health and Manpower Plans  
Project No. : 931-11-999-987  
PASA No. : TA(HA) 02-74  
Contractor : DHEW/OIH  
Began : Fiscal Year 1974  
Estimated Termination Date: Fiscal Year 1974

Description:

The purpose of this project was to study the implementation of National Health and National Health Manpower plans in five or six selected developing countries, and to identify and recommend remedial action to eliminate barriers to effective implementation.

A Participating Agency Service Agreement (PASA) was made with the Office of International Health, DHEW, to carry out this project.

Funding:

FY 1974 - \$25,000 grant funds were obligated by A.I.D.  
Total through 6/30/74 - \$25,000

NON-REGIONAL: Office of Health  
Project Name: Analysis of INCAP Nutrition Data  
Contractor : OIH/DHEW  
Began : Fiscal Year 1974  
Estimated Termination Date: Fiscal Year 1976

**Description:**

The Institute of Nutrition of Central America and Panama, with the aid of the U.S. Government, carried out a nutrition survey of six countries between 1965 and 1967. The current project is intended to complement the original tabulations of these data, investigating for the first time the multivariate interaction of social, economic and health factors as they affect nutrition. The survey, which included 21,611 detailed clinical, dental and anthropometric examinations, and a wealth of other data, is a unique resource.

This project is being implemented through a PASA with the Office of International Health, DHEW. Portions of the data preparation and processing will be subcontracted to the Institute of Nutrition of Central America and Panama (INCAP).

**Funding:**

FY 1974 - \$25,000 grant funds were obligated by A.I.D  
Total through 6/30/74 - \$25,000

NON-REGIONAL: Office of Health  
Project Name: Technical Support: Office of International  
Health  
RSSA No. : HEW/OIH 1-74  
Contractor : DHEW/OIH  
Began : Fiscal Year 1974  
Estimated Termination Date: Continuing

Description:

The purpose of this activity is to provide a resource for assistance and guidance in international health activities and provide international health expert assistance to TAB, Regional Bureaus, USAIDs and the developing countries.

In FY 1974 support services were to be largely concentrated in the following areas; syncrisis studies (comprehensive reviews of the health situation in a given country), health planning and sector analysis in relation to health sector assessments, environmental health, A.I.D. program analysis and reporting on health activities. Under a separate RSSA supported by Title X funds, a health educator and a nurse-midwife advisor were available for consultation in their respective fields.

In FY 1974 technical consultation was provided under this agreement in the following countries: Bolivia, Colombia, Dominican Republic, Ethiopia, Guatemala, Haiti, Honduras, Indonesia, Korea, Liberia, Nepal, Nicaragua, Pakistan, and Thailand. Six country health profiles (syncrisis) were completed. Nine sectoral analysis were planned or underway.

This project was formerly included in a total Technical Support budget for A.I.D. funded activities of the Public Health Service, Department of Health, Education, and Welfare.

Funding:

FY 1974 - \$404,000 grant funds were obligated by A.I.D  
Total through 6/30/74 - \$404,000

**NON-REGIONAL: Office of Health**  
**Project Name: Technical Support: National Library**  
**of Medicine**  
**RSSA No. : HEW/NIH 5-74**  
**Contractor : DHEW/NIH**  
**Began : Fiscal Year 1974**  
**Estimated Termination Date: Continuing**

**Description:**

This agreement continues A.I.D. support to the National Library of Medicine (NLM) for services to health and medical personnel, medical schools and other institutions in developing nations assisted by A.I.D. The NLM is a specialized research institution with the most extensive collection of biomedical literature in the U.S.

NLM provides annually 17,000 interlibrary loans, 350 reference searches, 25 copies of Index Medicus and 10 requests for audio-visual materials.

This project was formally included in a total Technical Support budget for A.I.D. funded activities of the Public Health Service, Department of Health, Education, and Welfare.

**Funding:**

**FY 1974 - \$45,000 grant funds were obligated by A.I.D.**  
**Total through 6/30/74 - \$45,000**

NON-REGIONAL: Office of Health  
Project Name: Investigation of Efficiencies of  
Alternative Health Programs  
Project No. : 931-17-590-567  
Contract No.: CM/ta-C-c73-42  
Contractor : Dr. Raymond Neutra  
Began : Fiscal Year 1974  
Estimated Termination Date: Fiscal Year 1974

Description:

This small research project was designed to examine the spectrum of alternative health service programs to: (a) determine those areas in which strongly competing alternatives exist, (b) to determine which of these program alternatives can be studied within the constraints of present research methods and techniques, and (c) to specify the personnel and other costs of such an investigation.

The project was to be carried out within the context of the planning stage of the Colombian Health Sector Analysis.

Funding:

FY 1974 - \$4,000 grant funds were obligated by A.I.D.  
Total through 6/30/74 - \$4,000

NON-REGIONAL: Office of Health, TAB  
Project Name: Epidemic Smallpox Vaccine Reserve  
Project No. : 931-11-510-823  
PASA No. : WOH(HA) 12-68  
Contractor : DHEW/CDC  
Began : Fiscal Year 1968  
Estimated Termination Date: Undetermined

Description:

The objective of this project is to establish a reserve of freeze-dried smallpox vaccine suitable for jet injection use in the prevention of the epidemic spread of smallpox, primarily in countries which have organized a national immunization program. The U.S. Public Health Service established a vaccine reserve to meet emergency requirements for jet injectable smallpox vaccine in countries other than those participating in the A.I.D.-supported West Africa Program. This reserve is not intended to meet routine smallpox vaccine needs for country program operations but to meet situations which may unexpectedly require the immediate availability of vaccine for epidemic control by jet injection mass vaccination.

This project remains active until the vaccine ordered in 1968 has been used. Stocks of vaccine are rotated at the close of FY 1974 there were 4,100,000 doses on reserve.

Afghanistan, Indonesia, Brazil and Yugoslavia have received vaccine through this project.

Funding:

FY 1973 - No grant funds were obligated by A.I.D.  
FY 1974 - No grant funds were obligated by A.I.D.  
Total through 6/30/74 - \$200,000

NON-REGIONAL: Office of Health, TAB  
Project Name: Development and Evaluation of Measures  
to Reduce Food Waste caused by Intestinal  
Disease  
Project No. : 931-11-510-867  
Contract No.: csd-2959  
Contractor : University of North Carolina  
Began : June 30, 1969  
Estimated Termination Date: August 31, 1974

Description:

The objective of this project is to develop, field test and prepare a manual describing a methodology which can be utilized to determine the economic relationship between different levels of improved environmental sanitation, a given level of nutritional supplementation and the waste of food energy from (1) inefficient absorption of food in the intestinal tract and (2) intestinal diseases transmitted under unsanitary conditions. The contractor, the University of North Carolina, is expected to: (a) establish in cost-benefit terms the individual and synergistic influence of an improved food intake and various environmental improvements on intestinal disease and associated food waste, including waste of a given nutrient supplement, (b) determine the optimum combination of measures which, under existing economic, social, and cultural constraints can most enhance efficient food utilization and reduction of morbidity.

The field testing is being carried out in two stages. During the first stage, the efficacy of personal hygiene practices and environmental sanitation improvements in reducing waste of ingested food will be determined in two villages. Stage two will consist of the introduction of the same nutrient supplementation into both villages. This will be done upon completion of stage one.

The test and control villages have been chosen and baseline surveys are completed. Detailed tests for malabsorption (balance studies) have been initiated and 80 of 120 have been completed. The water supply in the test village has been developed with piped water introduced to each house.

It is hoped through these studies to place a monetary value on nutrient losses due to malabsorption and to produce a manual of methodology that can serve as a guide for similar studies in other developing countries.

Funding:

FY 1973 - \$195,000 grant funds were obligated by A.I.D.  
FY 1974 - \$316,000 grant funds were obligated by A.I.D.  
Total obligations through 6/30/74 - \$786,000

NON-REGIONAL: Office of Health, TAB  
Project Name: Development of Fenitrothion  
Project No. : 931-11-511-903  
Contractor : WHO  
Began : Fiscal Year 1973  
Estimated Termination Date: Fiscal Year 1975

Description:

A grant has been made to WHO for the purpose of developing Fenitrothion as a replacement residual insecticide for DDT in malaria programs.

In the WHO scheme for evaluation of insecticides for vector control, Fenitrothion has already met the criteria for six of the seven stages of testing and development.

Funding:

FY 1973 - \$160,000 grant funds were obligated by A.I.D.  
FY 1974 - \$200,000 grant funds were obligated by A.I.D.  
Total through 6/30/74: \$360,000

NON-REGIONAL: Office of Health, TAB  
Project Name: International Program in  
Sanitary Engineering Design  
Project No. : 931-11-520-204  
Contract No.: csd 1888  
Contractor : University of North Carolina  
Began : Fiscal Year 1963  
Estimated Termination Date: Fiscal Year 1974

Description:

In March 1968, a contract was negotiated with the University of North Carolina covering the development of regional resources, including the development of institutions for the education of sanitary engineers and for the conduct of research in water supply and sanitation. A variety of services have been performed under five separate Task Orders, all of which have been completed. In FY 1969, however, Task Order No. 6 was negotiated which is to provide academic training in sanitary engineering especially directed toward the problems of the developing countries followed by meaningful work experience with selected U.S. consulting firms. Training directly related to problems of developing countries or the continuation of academic and practical elements is not available from any other institution. The training consists of a semester of intensive academic work at the University of North Carolina, a month on-job training in a U.S. water or sewerage facility, and six months supervised work experience in the office of a carefully selected U.S. consulting firm. In FY 1970, Task Order No. 7 was signed which continued the training program. The 15th and final session of this program included fourteen students from eight countries.

One hundred and thirty-five participants from forty-two developing countries have been trained in this special course since January 1963. The project terminated March 1974.

Funding:

FY 1973 - \$90,000 grant funds were obligated by A.I.D.  
FY 1974 - No grant funds were obligated by A.I.D.  
Total obligations through 6/30/74 - \$1,428,000

NON-REGIONAL: Office of Science and Technology, TAB  
Project Name: Genetic Control of Mosquitoes  
Project No. : 931-17-995-535  
Contract No.: csd-3159  
Contractor : University of Notre Dame  
Began : Fiscal Year 1971  
Estimated Termination Date: Fiscal Year 1974

**Description:**

This research project has been conceived as a model for the biological control of mosquitoes, with Aedes aegypti as the target species because so much of its genetics, physiology and bionomics are known, mass production is simple, and a variety of mechanisms for modifying its genetic composition have been demonstrated. Development of an effective genetic technique would provide a non-chemical alternative of supplement for controlling Aedes aegypti, currently a pervasive and significant disease vector responsible for transmitting Yellow Fever, Dengue and Asian Hemorrhagic Fever in epidemic proportions throughout large areas of the developing world. The contract team has recently discovered that it is also a carrier of filariasis.

A three-year research project involving field studies and concurrent laboratory experimentation is being carried out in East Africa by the staff of the University of Notre Dame's Vector Biology Laboratory, to determine if genetic control of Aedes aegypti is feasible.

**Funding:**

FY 1973 - \$ 92,000 grant funds were obligated by A.I.D.  
FY 1974 - \$176,000 grant funds were obligated by A.I.D.  
Total through 6/30/74 - \$328,000

NON-REGIONAL: Office of Health, TAB  
Project Name: Global Cholera Strategy  
Project No. : 931-11-590-995  
Contractor : WHO  
Began : Fiscal Year 1974  
Estimated Termination Date: Fiscal Year 1976

Description:

The purpose of this activity was to stimulate and assist WHO in planning a global program for the prevention and surveillance of cholera, including identification of donor resources required to support the global program. The purpose was to have a global plan with a series of individual country plans containing an inventory of needs for new or strengthened facilities and services, e.g. diagnostic laboratories, surveillance systems, water supply waste disposal, vaccine production, etc. It was planned that coordination meetings with WHO and donor nations would take place.

WHO established a cholera task force at Headquarters. Expert consultants were recruited. In FY 1973 A.I.D. contributed \$35,000 to WHO's Special Cholera Account to initiate global cholera planning.

Funding:

FY 1974 - \$100,000 grant funds were obligated by A.I.D. of which \$75,000 was a grant to WHO Special Account for Cholera Programs  
Total through 6/30/74 - \$100,000

NON-REGIONAL: Office of Health, TAB  
Project Name: Malaria Immunity and Vaccination  
Project No. : 931-17-511-552  
Contract No.: csd-3689  
Contractor : University of New Mexico  
Began : Fiscal Year 1972  
Estimated Termination Date: Fiscal Year 1975

Description:

The purpose of this project is the development of a vaccine for use against human malaria. The biological feasibility of artificial immunization against malaria has been demonstrated and various methods of antigen preparation have been developed and compared. A rodent model system has been used to demonstrate the sporozoite antigens can produce broad protection against infection and trophozoite antigens can be used to suppress erythrocytic (symptom producing) phase of malaria. Monkeys have been immunized with trophozoite antigen but optimum monkey model system is still being developed. Mosquito tissues have been cultivated.

Funding:

FY 1973 - \$146,000 grant funds were obligated by A.I.D.  
FY 1974 - \$556,000 grant funds were obligated by A.I.D.  
Total through 6/30/74

NON-REGIONAL: Office of Health, TAB  
Project Name: Lower Cost Methods of Water & Waste  
Treatment in LDC's  
Project No. : 931-17-520-563  
Contract No.: AID/CM/ta-C-73-13  
Contractor : University of Oklahoma  
Began : Fiscal Year 1973  
Estimated Termination Date: Fiscal Year 1976

Description:

The purpose of this project, undertaken through a contract with the University of Oklahoma, is to devise, test, and evaluate simplified, innovative, lower cost approaches to (1) the design, construction, and operation of water treatment facilities and (2) methods of safely handling and disposing of sewage, applicable to the less developed areas of the world. Practical field studies are planned at sites to be selected in Latin America, Asia, and Africa, following a comprehensive analysis and evaluation of past and current efforts by international and national agencies and institutions, and consideration of topographical, climatological and socio-economic conditions prevailing in the selected areas.

The project is divided into three phases. Under Phase I, Resource Analysis, the most useful and pertinent contributions from the world's technical literature are to be selected and assembled; operational or test data and cost figures on past and current practices are to be sought; and manpower resources, local materials available, production capabilities, are to be elucidated for representative areas.

Under Phase II, Practical Field Studies, it is proposed that the Contractor arrange for and assist in the conduct of pilot scale and operational tests (where appropriate facilities exist) in LDC's.

Upon completion of the field work, in Phase III, Evaluation and Publication, the data and information obtained will be compiled and evaluated by the Contractor, using computerized modeling techniques to determine optimum applicability of various approaches under different sets of conditions.

It is planned to complete the project within a three-year time span.

Funding:

FY 1973 - \$82,000 grant funds were obligated by A.I.D.  
FY 1974 - \$66,000 grant funds were obligated by A.I.D.  
Total through 6/30/74 - \$148,000

NON-REGIONAL: Office of Health, TAB  
Project Name: Development of Hand-Operated Water Pump  
Project No. : 931-17-521-454  
Contract No.: csd 3305  
Contractor : Battelle Memorial Institute  
Began : June 30, 1971  
Estimated Termination Date: April 30, 1974

Description:

This contract with Battelle Memorial Institute provides for updating all drawings, specifications and bills of material to reflect work done in two previous contracts; preparation of patterns and other materials for assembly of prototype pumps; manufacture of a reasonable number of pumps for overseas introduction and evaluation. Field testing was started in Thailand and Nigeria. The Contractor has produced pumps under local conditions.

Funding:

FY 1973 - \$9,000 grant funds were obligated by A.I.D.  
FY 1974 - No grant funds were obligated by A.I.D.  
Total through 6/30/74 - \$118,000

**NON-REGIONAL:** Office of Health, TAB  
**Project Name:** Intestinal Malabsorption Research  
Project  
**Project No. :** 931-17-560-508  
**PASA No. :** RA (HA) 9-69  
**Contractor :** DHEW/CDC  
**Began :** Fiscal Year 1969  
**Estimated Termination Date:** Fiscal Year 1973

**Description:**

The purpose of this project is to obtain quantitative estimates of food waste attributable to inefficient absorption in the gastrointestinal tract. Studies are being conducted through a Participating Agency Service Agreement with the Nutrition Program, Center for Disease Control, Department of Health, Education, and Welfare. The Agency, in turn, has subcontracted for field work in India, Iran, and Puerto Rico. Subcontractors for these respective areas are the Ludhiana Christian Medical College Board, University of Pennsylvania, and Rochester University.

Studies of 93 persons have been completed in Puerto Rico. In India, malabsorption of fat was revealed in 50% of the 60 Punjabis studied. Initiation of the work in Iran was delayed by a cholera epidemic but data was collected from tests following the epidemic.

The project was completed and a final report published on schedule.

**Funding:**

FY 1973 - \$10,000 grant funds were obligated by A.I.D.  
Total through 6/30/73 - \$175,000

POPULATION PROJECTS  
NON-REGIONAL  
FY 1973 - FY 1974

<u>Project Number</u>	<u>Title</u>	<u>Contractor PASA No.</u>	<u>FY 1973 Funds</u>	<u>FY 1974 Funds</u>
<u>Goal #1 Development of Adequate Demographic and Special Data</u>				
932-11-570-547	World Fertility Study	Internat'l Statistical --- Institute csd-3606	---	1,000,000
932-11-570-601	Disease & Demographic Study	DHEW/CDC PASA PHA(HA)5-3	300,000	352,000
932-11-570-606	African Data for Decision Making	Nat'l. Data Use & Access Lab. CM-pha-C73-18	798,000	---
932-11-570-861	Laboratories for Population Studies	U. of N. Carolina csd-2495	58,000	658,000
932-11-570-943	Accelerated Feedback for Guidance of FP Programs	CENSUS PASA TA(CA) 11-71 Battelle csd-2966	66,000	---
932-11-570-966	Population Data Systems	U.S. Bur. of Census PASA TA(CA) 08-72	2,456,000	2,864,000

<u>Project Number</u>	<u>Title</u>	<u>Contractor PASA No.</u>	<u>FY 1973 Funds</u>	<u>FY 1974 Funds</u>
<u>Goal #2 Development of Adequate Population Policy and Understanding of Population Dynamics</u>				
932-11-570-016	Population Economic Growth Analysis & Presentation	GE-TEMPO csd-2611	624,000	215,000
932-11-570-528	Study of Fertility Rates & Earning Capacity of Rural Migrants in L.A.	U. of Wisconsin csd-2863	77,000	38,000
932-11-580-539	Cross Cultural Research in Fertility Behavior	Amer. Institutes for Research csd-3155	---	---
932-11-580-608	Cultural Factors in Population Programs	AAAS AID/CM/pha 73-25	828,000	---
932-11-570-609	Seminar Asia Trade Union Women		41,000	2,000
932-11-570-827	Development Center Population Project	OECD csd-2782	---	---
932-11-570-858	Situation Reports on Population Problems, Policies, Programs	Calif. Institute of Technology csd-2515	582,000	---
932-11-570-880	Law and Population Program	Tufts University csd-2810	---	---
932-11-570-976	International Seminar on Population Policy Analysis	NAS csd-3600	---	---
932-11-570-979	Analysis and Evaluation of Population Policies and Dynamics	Smithsonian Institute csd-3598	---	---
932-17-570-615	Family Behavior in Maylasia	Rand Corp. AID/pha-C-1057	---	250,000

<u>Project Number</u>	<u>Title</u>	<u>Contractor PASA No.</u>	<u>FY 1973 Funds</u>	<u>FY 1974 Funds</u>
290-11-580-250	CENTO		3,000	26,000
932-17-570-496	The Epidemiology of Outcome of Pregnancy in Diverse Cultures in Selected Countries	Johns Hopkins csd-2246	—	—
932-17-570-554	Statistical Research on Population Policies	Rand Corporation csd-3690		
<u>Goal #3 Development of Adequate Means of Fertility Control</u>				
932-11-570-518	Development of Releasing Factor Inhibitors as Contraceptive Agents (R)	Salk Institute csd-2785	2,150,000	—
932-17-580-493	Research for Development of a Once-a-Month Birth Control Pill	Worcester Foundation csd-2169	—	—
932-17-580-512	Contraceptive Development	Population Council csd-2491	—	—
932-17-580-520	Prostaglandin and Other Research for Development of Contraceptives	Worcester Foundation csd-2837	—	—
932-17-570-521	Safety of Contraceptive Steroids	Southwest Foundation csd-2821	—	—
932-17-570-526	Development of a Combined Agent for Disease Prophylaxis and Contraception	U. of Pittsburgh csd-2822	138,000	—
932-17-570-527	Development of Improved IUD's (R)	Battelle csd-2819	873,000	—
932-17-570-532	Studies on the Synthesis of Prostaglandins	U. of Wisconsin csd-2965	—	—

<u>Project Number</u>	<u>Title</u>	<u>Contractor PASA No.</u>	<u>FY 1973 Funds</u>	<u>FY 1974 Funds</u>
<u>Goal #4 Development of Adequate System for Delivery of Family Planning Service</u>				
932-11-570-002	Population Technical Support		482,000	678,000
932-11-580-807	Family Planning Services	Pathfinder csd-1870	6,035,000	3,500,000
932-11-580-812	Expansion of Postpartum Family Planning Program	Population Council csd-2155	1,080,000	---
932-11-580-838	International Planned Parenthood Federation	IPPF csd-1837	11,404,000	10,000,000
932-11-580-842	Rapid Feedback for Family Planning Improvement	U. of Chicago csd-2251	257,000	---
932-11-580-855	Application of Method for Evaluating Family Planning	Colombia U. csd-2479	241,000	---
932-11-570-863	Population Council	Pop. Council csd-2897	6,200,000	---
932-11-570-877	Field Support Technical Services	APHA csd-2604	328,000	328,000
932-11-570-942	Survey of Global Patterns of Commercial Distribution in Selected Dev. Countries	Westinghouse csd-3319	94,000	95,000
932-11-570-951	Family Planning Management Information System	Mgmt. Sciences for Health, Inc. csd-3298	72,000	364,000

<u>Project Number</u>	<u>Title</u>	<u>Contractor PASA No.</u>	<u>FY 1973 Funds</u>	<u>FY 1974 Funds</u>
932-17-580-537	International Fertility Research Program (R)	U. of N. Carolina csd-2979	---	1,500,000
932-17-570-538	Surgical & Engineering Research on Means of Fertility Control (R)	Battelle csd-3152	---	392,000
932-17-570-541	Study of Side Effects & Mechanism of Action of PGS (R)	Washington U. csd-3160	9,000	128,000
932-17-570-546	Program for Applied Research on Fertility Regulation (R)	U. of Minnesota csd-3608	---	---
932-17-580-548	Simplified Techniques of Fertility Control	Johns Hopkins csd-3627	158,000	---
932-17-570-602	Research on Prostaglandins in Relation to Human Reproduction	U. of Singapore CM-pha-C-73-36	475,000	---
932-17-570-603	Sterilization by Endometrial Ablation	U. of Colorado CM-pha-C-73-27	76,000	---
932-17-570-607	Research on the Safety of Oral Contraceptives in Developing Countries	SW Foundation for Research & Education CM-pha-73-32	1,226,000	---
932-17-580-981	Rapid Diffusion of Research Findings	G.W. University csd-3643	---	897,000

<u>Project Number</u>	<u>Title</u>	<u>Contractor PASA No.</u>	<u>FY 1973 Funds</u>	<u>FY 1974 Funds</u>
932-11-580-955	Development of FP Programs of CWS and Other Organizations	PPFA/FPIA csd-3289	---	2,950,000
932-11-580-968	Program in Voluntary Sterilization	Assoc. of Vol. Sterilization csd-3611	1,000,000	1,250,000
932-11-580-982	Bulk Procurement of Contraceptives	GSA	9,500,000	14,645,000
932-11-580-613	Bulk Procurement of Condoms		---	3,077,000
932-11-580-612	Development of Commercial Contraceptive Distribution	Westinghouse csd-3319	---	581,000
932-11-580-611	Commercial Contraceptive Marketing Development	PSI, AID/PHA-C-1055	---	277,000
932-11-580-610	MCH/FP Model Clinic	Wisconsin AID/PHA-C-1038	---	307,000
932-11-580-978	Management and Consultation Services/Evaluation	HEW/CDC RSSA	---	151,000
<u>Goal #5 Development of Adequate Systems for Delivery of Information/Knowledge</u>				
932-13-950-017	The Asia Foundation Grant	Asia Foundation csd-2228	1,407,000	200,000
932-11-580-820	Family Planning Education Through Adult Literacy	World Education csd-3280	257,000	581,000
932-11-57G-850	Support of Youth Organizations in Developing Countries	WAY csd-2271	646,000	375,000
932-11-570-857	Improvement of Population Library and Reference Services in Less Developed Countries	U. of N. Carolina csd-2936	---	47,000

<u>Project Number</u>	<u>Title</u>	<u>Contractor PASA No.</u>	<u>FY 1973 Funds</u>	<u>FY 1974 Funds</u>
932-11-570-900	Inventory Analysis of IEC Support	EW Center csd-2878	131,000	---
932-11-570-917	Institutional Development	EW Center AID/pha-G-1059	---	638,000
932-11-570-922	Training Film in Population Field	Dick Young csd-3318	22,000	---
932-11-570-924	Computer Instruction in Population Dynamics and Economic Development (PLATO)	U. of Illinois csd-2937	727,000	---
932-11-570-947	Midwife Promotion and Support for Family Planning	ICM csd-3411	---	---
932-11-570-953	Training Films & Related Teaching Materials	Airlie Foundation csd-3304	---	102,000
932-11-570-958	Expansion of Population Program Communications	U. of Chicago csd-3314	---	214,000
932-11-570-980	Family Planning Through Home Economists	Amer. Home Economics Association csd-3623	150,000	390,000
932-11-570-935	Inter-American Dialogue Center	Airlie Foundation csd-3678	---	1,177,000
932-11-570-986	Population Program Information System	Nat'l. Inst. for Communication Dev. csd-3711	653,000	---

<u>Project Number</u>	<u>Title</u>	<u>Contractor PASA No.</u>	<u>FY 1973 Funds</u>	<u>FY 1974 Funds</u>
<u>Goal #6 Development of Adequate Manpower and Institutional Capacity and Utilization</u>				
931-11-570-101	Institutional Grant to Johns Hopkins	Johns Hopkins csd-1939	---	(150,000)*
931-13-570-102	Institutional Grant to University of N. Carolina	U. of N. Carolina csd-1940	---	---
932-11-570-110	Institutional Grant to University of Michigan	U. of Michigan csd-2171	---	---
932-11-580-604	Advanced Technology Fertility Clinics (Winfield)	U. of Pittsburgh CM-pha-G-73-21	479,660	3,950,000
		Washington U. CM-pha-G-73-22	841,000	---
		AUB	257,000	---
		CM-pha-G-73-23		
		Johns Hopkins CM-pha-G-73-74	1,387,000	---
932-11-570-883	University, Overseas Population Internship	U. of N. Carolina csd-2830	451,000	---
932-11-570-891	Training in Population Economics, Sociology	Harvard U. csd-3290	---	230,000
932-11-570-893	University, Overseas Population Internship	U. of Michigan csd-2831	---	---
932-11-570-894	University, Overseas Population Internship	Johns Hopkins csd-2832	---	---

\*Funded by IA/Health

<u>Project Number</u>	<u>Title</u>	<u>Contractor PASA No.</u>	<u>FY 1973 Funds</u>	<u>FY 1974 Funds</u>
932-11-570-916	University Services Agreement	Johns Hopkins csd-2956	931,000	450,000
932-11-570-918	Clinical Training Nurse Midwives in FP	Downstate Medical Center csd-2940		121,000
932-11-570-923	University Services Agreement	U. of Michigan csd-3321	315,000	400,000
932-11-570-948	Development Qualified Social Work Manpower	IAS SW csd-2971		368,000
932-11-570-952	Population/Family Planning Program	U. of Hawaii csd-3310	444,000	450,000
932-11-570-956	University Services Agreement	U. of N. Carolina csd-3325	1,375,000	530,000
932-11-570-959	Advanced Leadership Training in Social Work	U. of Michigan csd-3313		63,000
932-11-570-977	Family Planning Orientation	Planned Parenthood of Metro. Washington csd-3621	19,000	—
932-11-570-967	Management of Population Institutional Development Programs	Population Council csd-3435		—
932-15-570-438	Regional Advisory Services (Africa)		1,434,000	1,196,000
932-11-570-857	Improving LDC Population Libraries	U. of N. Carolina csd-2936	—	47,000

POPULATION PROJECTS  
NON-REGIONAL  
FY 1973 - FY 1974

<u>Project Number</u>	<u>Title</u>	<u>Contractor PASA No.</u>	<u>FY 1973 Funds</u>	<u>FY 1974 Funds</u>
<u>Office of Health</u>				
931-11-540-212	Medical Education	AAMC AID-ta-C-1063	15,000 (22,000)*	20,000 (40,000)*
931-11-580-957	Institutional Development - Family Health, Inc.	Tulane Univ. csd-3311	314,000	---
931-11-580-971	DEIDS (Development and Evaluation of Integrated Delivery Systems)	APHA csd-3423	---	1,775,000
931-11-590-890	Role of Voluntary Health Organizations	APHA csd-2801	72,000	---
931-11-540-975	Teaching Community Medicine	Harvard csd-3613	30,000	30,000
<u>Office of International Training</u>				
926-11-570-038	Training Program for Vital Statistics and Measurement of Population Change	HEW/NCHS IT-1-68	73,000	100,000
926-11-580-045	Family Planning Seminars and Facilities	PP/Chicago,csd-3421 U. of Conn.,csd-3674 Nat'l. Assoc. of Foreign. Student Advisors, CM/otr. C-73-20	416,000	535,000
926-11-580-051	Population and Family Planning Training in Puerto Rico	U. of Puerto Rico 1a-403	1,000	---

\*TA/H Grant funds

<u>Project Number</u>	<u>Title</u>	<u>Contractor PASA No.</u>	<u>FY 1973 Funds</u>	<u>FY 1974 Funds</u>
	AID/W - Miscellaneous		4,725	12,300
	U.N. Fund for Population Activities		9,000	18,060

NON-REGIONAL: Office of Population, PHA  
Project Name: World Fertility Survey  
Project No. : 931-17-570-547  
Contract No.: csd-3606  
Contractor : International Statistical Institute  
Began : Fiscal Year 1972  
Estimated Termination Date: Fiscal Year 1977

Description:

This research grant is made to the International Statistical Institute to help support a five-year program, entitled World Fertility Survey, to be carried out in conjunction with the International Union for the Scientific Study of Population and with the United Nations as part of the observance of World Population Year. The purpose is to assess the current state of world knowledge concerning fertility and family planning and to promote, through technical assistance, selective subsidization, of fertility and planning in some thirty to forty key developing countries. Such a program will be a step forward in institutionalizing fertility research and providing policymakers with the basis for more effective population policies and programs.

During FY 1973 core staff was recruited and an office established in London. International Committees were convened to guide the work program and to prepare a questionnaire for use by all participating countries.

Funding:

FY 1973 - No Title X funds were obligated by A.I.D.  
FY 1974 - \$1,000,000 Title X grant funds were obligated by A.I.D.  
Total through 6/30/74: \$2,043,000

NON-REGIONAL: Office of Population, PHA  
Project Name: Disease and Demographic Survey  
Project No. : 932-11-570-601  
PASA No. : PHA(HA) 5-73  
Contractor : DHEW/CDC  
Began : Fiscal Year 1973  
Estimated Termination Date: Fiscal Year 1975

Description:

This project is being implemented through a PASA with the Center for Disease Control, U.S. Public Health Service. It is designed to test methodology for the simultaneous collection of data on both vital events and incidence of disease. The project focuses on rural populations where data is largely nonexistent. The survey uses a cluster sampling technique, requiring monthly household surveillance visits. Project agreements have been signed with Nigeria and Upper Volta, and sites in other regions are being identified.

Funding:

FY 1973 - \$300,000 Title X funds were obligated by A.I.D.  
FY 1974 - \$352,000 Title X funds were obligated by A.I.D.  
Total through 6/30/74 - \$744,000

NON-REGIONAL: Office of Population, PHA  
Project Name: African Data for Decision Making  
Project No. : 932-11-570-606  
Contract No.: CM-pha-C-73-18  
Contractor : National Data Use & Access Laboratories  
Began : Fiscal Year 1973  
Estimated Termination Date: Fiscal Year 1975

Description:

The contractor will demonstrate through application of user-oriented computer software the uses of demographic data for decision making and development planning in African countries.

Funding:

FY 1973 - \$798,000 Title X funds were obligated by A.I.D.  
FY 1974 - No Title X funds were obligated by A.I.D.  
Total through 6/30/74: \$798,000

NON-REGIONAL: Office of Population, PHA  
Project Name: Laboratories for Population Studies  
Phase II  
Project No. : 931-11-570-861  
Contract No.: csd-2495  
Contractor : University of North Carolina  
Began : Fiscal Year 1969  
Estimated Termination Date: Fiscal Year 1977

Description:

Phase II, based on the detailed work carried out in Phase I of this project, consists of the actual establishment of a network of Laboratories for Population Studies in collaboration with academic and other research institutions in at least four less developed countries in the world. The laboratories will collect population data and experiment with data collection techniques. Each laboratory will be under the direction of the indigenous institution.

Agreement was reached within the first year of contract operations for the establishment of three POPLABS. In Colombia, a contract was negotiated between the University of North Carolina and the Colombian institution (DANE). Another POPLAB was established in Rabat, Morocco. In the Philippines the POPLAB was at Xavier University. In late FY 1972 a POPLAB was established in Kenya. Another was established in Ecuador at the Demographic Analysis Center in FY 1973. A sixth is expected to be installed in Turkey.

The project includes implementation of a dual record data collection system, and the evaluation and refinement of new methods aimed at specific statistical problems of developing countries.

Funding:

FY 1973 - \$58,000 Title X funds were obligated by A.I.D.  
FY 1974 - \$658,000 Title X funds were obligated by A.I.D.  
Total through 6/30/74: \$2,249,000

NON-REGIONAL: Office of Population, PHA  
Project Name: Accelerated Feedback for Guidance  
of Family Planning Programs  
Project No. : 931-11-570-943  
Contract No.: csd-2966  
PASA No. : TA(CA) 11-71  
Contractor : Battelle Memorial Institute and  
Bureau of Census  
Began : Fiscal Year 1971  
Estimated Termination Date: Fiscal Year 1973

**Description:**

This project will assist in establishing rapid service statistical reporting systems for planning programs in developing countries. Appropriate computer programs for use in host countries together with computer program manuals are to be developed. Assistance will be given in the installation and maintenance of the systems as well as training personnel in system operations.

The Bureau of the Census is providing both training and technical assistance in the establishment and improvement of client records systems. Assistance has been given to El Salvador, Honduras, Afghanistan, Mexico, Pakistan and South Vietnam. Worldwide workshops have been held based on a model client record system called "Popland", developed by the Census Bureau. Battelle Memorial Institute is developing a computer program designed to process the data generated by client record systems.

**Funding:**

FY 1973 - \$66,000 Title X funds were obligated by A.I.D.  
FY 1974 - No Title X funds were obligated by A.I.D.  
Total through 6/30/73: \$130,000

NON-REGIONAL: Office of Population, PHA  
Project Name: Population Data Systems  
Project No. : 931-11-570-966  
PASA No. : TA(CA) 08-72  
Contractor : U.S. Census  
Began : Fiscal Year 1972  
Estimated Termination Date: Continuing

Description:

Participating Agency Service Agreements with the U.S. Bureau of the Census support development of adequate demographic and social data by training and advisory services to build data infrastructure in the developing countries. Long and short-term advisors have been furnished to several countries for census programs and to help with specialized problems such as designing samples or organizing a mapping program.

The Bureau has conducted short-term intensive training programs or workshops where technicians from the developing countries can participate. During FY 1973 advisory assistance was provided to Bolivia, Brazil, Colombia, Costa Rica, Honduras, India, Jamaica, Korea, Malaysia, Nepal, Pakistan, Paraguay, Turkey, and Vietnam.

A new method of rapidly tabulating data from censuses and surveys has been developed known as the Census Tabulating System (CENTS). The Bureau has assisted nineteen countries adapt this method to speed publication of detailed census data.

Funding:

FY 1973 - \$2,456,000 Title X funds were obligated by A.I.D.  
FY 1974 - \$2,864,000 Title X funds were obligated by A.I.D.  
Total through 6/30/74: \$7,089,000

NON-REGIONAL: Office of Program and Policy Coordination  
Project Name: Population/Economic Growth Analysis  
and Presentation  
Project No. : 932-11-570-016  
Contract No.: csd-2611  
Contractor : General Electric Compnay  
Began : June 25, 1968  
Estimated Termination Date: Fiscal Year 1975

Description:

This project, carried out under a contract with General Electric Company, is designed to formulate suitable analytical models to assist USAIDs and host country organizations analyze certain consequences of differences in birthrates and other demographic rates. The Contractor has formulated suitable models and procedures for analyzing the effects of changes in demographic variables on various aspects of development including: (a) rural-to-urban migration and the repercussions thereof; (b) the magnitudes of requirements for housing, health, education, welfare and other public services; (c) employment opportunities and manpower sources; and (d) savings, investment, and productive capacity. The project is developing and providing technical assistance in applying analytical models to be used in national and sector planning.

Models designed in the United States have been adapted to the countries. They are being implemented using economic and demographic data available in the countries themselves. All of the technical work is done by citizens of the countries. The models have now been developed to the extent that they can provide projections for various sectors of an economy and are intended to show the effects that different rates of demographic change imply for country development goals.

During FY 1973 efforts were focused on support for research teams in Peru, Colombia, and Venezuela. These countries have been adapting the basic TEMPO model into a development planning tool for specific country needs.

Funding:

FY 1973 - \$624,000 Title X funds were obligated by A.I.D.  
FY 1974 - \$215,000 Title X funds were obligated by A.I.D.  
Total through 6/30/74 - \$2,224,000

**NON-REGIONAL:** Office of Population, PHA  
**Project Name:** Study of Fertility Rates & Earning  
Capacity of Rural Migrants in L.A.  
**Project No. :** 932-17-570-528  
**Contract No.:** csd-2863  
**Contractor :** University of Wisconsin  
**Began :** Fiscal Year 1973  
**Estimated Termination Date:** Continuing

**Description:**

Through a research contract with the Land Tenure Center, University of Wisconsin, a study will be conducted in two Latin American countries to determine differential fertility rates and earning capacities before and after migration and between migrants and nonmigrants.

**Funding:**

FY 1973 - \$77,000 Title X funds were obligated by A.I.D.  
FY 1974 - \$38,000 Title X funds were obligated by A.I.D.  
Total through 6/30/74 - \$338,000

NON-REGIONAL: Office of Population  
Project Name: Cross Cultural Research in  
Fertility Behavior  
Project No. : 932-11-530-539  
Contract No.: csd-3155  
Contractor : American Institutes for Research  
Began : Fiscal Year 1974  
Estimated Termination Date: Continuing

Description:

The purpose of this research contract with American Institutes for Research is to establish an International Reference Center to collect data on pregnancy termination and to conduct studies into behavioral factors associated with acceptance of new fertility control methods.

Funding:

FY 1973 - No Title X funds were obligated by A.I.D.  
FY 1974 - No Title X funds were obligated by A.I.D.  
Total through 6/30/74: \$1,142,000

NON-REGIONAL: Office of Population, PHA  
Project Name: Cultural Factors in Population  
Programs  
Project No. : 932-11-580-608  
Contract No.: AID/CM-pha-C-73-25  
Contractor : American Association for Advancement  
of Science  
Began : Fiscal Year 1973  
Estimated Termination Date: Continuing

Description:

This project funds a contract with the American Association for the Advancement of Science, Washington, D. C. to organize working groups of U.S. and LDC anthropologists and other experts to (a) provide LDC policymakers with continuous policy-relevant information concerning the consequences of rapid population growth; and (b) assist family planning program administrators in identifying and modifying cultural factors associated with expansion and improvement of family planning delivery systems.

Funding:

FY 1973 - \$828,000 Title X funds were obligated by A.I.D.  
FY 1974 - No Title X funds were obligated by A.I.D.  
Total through 6/30/74: \$828,000

NON-REGIONAL: Office of Population, PHA  
Project Name: Seminar Asja Trade Union Woman  
Project No. : 932-11-570-609  
Began : Fiscal Year 1973  
Estimated Termination Date: Continuing

Description:

The purpose of this project is to assist the Philippine Department of Labor carry out a regional seminar for leading women trade unionists of 15 Asian countries to prepare them to assume a greater responsibility in alternative roles for women in society.

Funding:

FY 1973 - \$41,000 Title X funds were obligated by A.I.D.  
FY 1974 - \$ 2,000 Title X funds were obligated by A.I.D.  
Total through 6/30/74: \$43,000

NON-REGIONAL: Office of Population, PHA  
Project Name: OECD Development Center  
Project No. : 932-11-570-827  
Contract No.: csd-2782  
Contractor : Organization for Economic Corporation  
and Development  
Began : June 27, 1968  
Estimated Termination Date: Fiscal Year 1975

Description:

A grant was provided to the Organization for Economic Cooperation and Development (OECD) to support the establishment of a population program development center at the OECD Development Center. Objectives of this project were: (1) to make member countries more aware of the importance of the population factor in economic development and take it into account in drawing up assistance policies; (2) to call attention to donor and recipient countries to the latest developments in the population field; (3) to promote measures which will assist DAC in improving the coordination between bilateral and multilateral aid programs in this field; (4) to put the assembled information at the disposal of countries interested in these problems; and (5) to prepare the way for an effective dialogue between developed and developing countries on aid problems in the population field and to promote to the maximum, cooperation and coordination between the various public and private organizations, national or international, concerned with these problems.

The Center's Population Program focuses upon the economic implications of population dynamics and upon the role, magnitude and problems of foreign assistance in population matters. To carryout its objective, the Center has: (1) sponsored conferences and seminars; (2) provided technical advisory services to recipient countries; (3) responded to requests from LDC's through the Enquiry Service established as part of the Program; and (4) sponsored the Annual Donor-Recipient meetings.

Other contributing countries include Belgium, Canada, Denmark, Germany, Norway, Sweden, Switzerland, and the United Kingdom.

Funding:

FY 1973 - No Title X funds were obligated by A.I.D.  
FY 1974 - No Title X funds were obligated by A.I.D.  
Total through 6/30/74: \$177,000

NON-REGIONAL: Office of Population, PHA  
Project Name: Situation Reports on Population  
Problems, Policies and Programs  
Project No. : 931-11-570-858  
Contract No.: csd-2515  
Contractor : California Institute of Technology  
Began : Fiscal Year 1969  
Estimated Termination Date: June 30, 1974

Description:

This project is designed to increase the overall understanding of the problems associated with population in the context of the particular social and cultural patterns of four selected regions. It provides for four regional researchers, working under the auspices of field staffs of American universities, who will submit six to eight reports per year on various aspects of the population problem in their specific regions, and an annual regional summary of the population situation. These reports will be sent to the California Institute of Technology, which will function as coordinator and compiler of the results. An additional facet of this project will be the funding of small research projects by host country nationals on site.

In FY 1973 the program produced 26 reports on countries in Africa, Latin America and Asia. Since the beginning of the program, Caltech has produced more than 100 reports covering over forty countries. In addition an annual publication is prepared that reviews the year's changes in population programs and policies in a large number of countries.

Funding:

FY 1973 - \$582,000 Title X funds were obligated by A.I.D.  
FY 1974 - No Title X funds were obligated by A.I.D.  
Total through 6/30/74 - \$1,796,000

NON-REGIONAL: Office of Population, PHA  
Project Name: Law and Population Programs  
Project No. : 931-11-570-880  
Contract No.: csd-2810  
Contractor : Tufts University  
Began : Fiscal Year 1970  
Estimated Termination Date: Fiscal Year 1975

Description:

This project is divided into two phases. It seeks to involve the legal community in the population problem in host countries. Phase I work is scheduled to achieve the following: (1) establish an international, interdisciplinary Board of Advisors; (2) compile laws, legislation, judicial and administrative decisions bearing on the problem, with legal analysis in six to eight countries, and publish the results; (3) conduct a capacity study of U.S. organizations and legal institutions to determine the basis of a possible arrangement of cooperating institutions; (4) investigate possible sites for in-depth studies to be carried out in Phase II; (5) seek possible co-sponsors for the International Law Symposium to be conducted in Phase II; and (6) establish the legal reporting network.

The Contractor has prepared an international law brief. All of the relevant international organizations have been informed of the goals of this program. An International Board of Advisors has been appointed and is active.

In FY 1973 there were projects underway in nineteen countries. Since the beginning of the project, the laws of twenty-seven countries have been analyzed and reported on. Legal scholars in the countries concerned usually prepare the analysis. The results are published and widely circulated.

Funding:

FY 1973 - No Title X funds were obligated by A.I.D.  
FY 1974 - No Title X funds were obligated by A.I.D.  
Total through 6/30/74: \$966,000

NON-REGIONAL: Office of Population, PHA  
Project Name: International Seminars on Population  
Policy Analysis  
Project No. : 931-11-570-976  
Contract No.: csd-3600  
Contractor : National Academy of Sciences  
Began : Fiscal Year 1972  
Estimated Termination Date: Continuing

Description:

A basic agreement has been made with the National Academy of Sciences through which A.I.D. will sponsor with the Academy a series of seminars on population policy in the major regions of the world over a two-year period in anticipation of the United Nations World Population Year in 1974. It is expected that approximately six international conferences will take place with representation to include members from various policy-making and influential groups in most countries of the world. The results of the seminars will be reported in a volume scheduled for publication during World Population Year.

Funding:

FY 1973 - No Title X funds were obligated by A.I.D.  
FY 1974 - No Title X funds were obligated by A.I.D.  
Total through 6/30/74: \$322,000

NON-REGIONAL: Office of Population, PHA  
Project Name: Analysis and Evaluation of Population  
Policies and Dynamics  
Project No. : 932-11-570-979  
Contract No.: csd-3598  
Contractor : Smithsonian Institute  
Began : Fiscal Year 1972  
Estimated Termination Date: Continuing

Description:

The purpose of this project is to make funds available to the Smithsonian Institution in Washington, D.C. for small research studies in the field of social science and humanities related to population problems in the less developed countries. The grants are to be made to nationals in the countries and excludes biomedical and contraceptive research. In addition, the program will sponsor a series of international workshops and seminars to exchange results of program-sponsored research and other similar research with policy-making and policy-influencing figures in less developed countries.

Funding:

FY 1973 - No Title X grant funds were obligated by A.I.D.  
FY 1974 - No Title X grant funds were obligated by A.I.D.  
Total through 6/30/74 - \$3,930,000

NON-REGIONAL: Office of Population  
Project Name: Research in Family Behavior in  
Malaysia  
Project No. : 932-17-570-615  
Contract No.: AID/pha-C-1057  
Contractor : Rand Corporation  
Began : Fiscal Year 1974  
Estimated Termination Date: Fiscal Year 1976

Description:

This research activity is being conducted through a series of surveys on family behavior conducted by indigenous statisticians and in cooperation with the Government of Malaysia. It is being conducted to (a) determine the relationships of fertility with biomedical, institutional and socioeconomic factors in developing countries; (b) improve means to evaluate existing public policy concerning fertility; and (c) develop methods to predict changes in fertility as a result of government programs other than those in family planning.

Funding:

FY 1974 - \$250,000 Title X funds were obligated by A.I.D.  
Total through 6/30/74 - \$250,000

NON-REGIONAL: Office of Population, PHA  
Project Name: CENTO/Population  
Project No. : 290-11-580-250  
Began : Fiscal Year 1969  
Estimated Termination Date: Continuing

Description:

The purpose of this project is to finance training of leaders of family planning programs from Iran, Pakistan and Turkey and for preparation for CENTO (Central Treaty Organization) workshops and seminars.

Funding:

FY 1973 - \$ 3,000 Title X funds were obligated by A.I.D.  
FY 1974 - \$26,000 Title X funds were obligated by A.I.D.  
Total through 6/30/74 - \$133,000

NON-REGIONAL: Office of Population, PHA  
Project Name: The Epidemiology of Outcome of Pregnancy  
in Diverse Cultures in Selected Countries  
Project No. : 931-17-570-496  
Contract No.: csd-2246  
Contractor : Johns Hopkins University  
Began : Fiscal Year 1970  
Estimated Termination Date: Fiscal Year 1974

Description:

This research contract with Johns Hopkins University is for the purpose of conducting epidemiological studies in several countries to ascertain the epidemiology of induced abortions and its relationship to health, fertility levels, fertility control measures, demographic, and socioeconomic variables.

Such information is designed to assist those countries which desire to limit population growth, to accomplish this in a manner which maximizes the population's well-being and the country's economic development.

Planning and staffing of the first phase of the project in Taiwan was completed following some delay due to need of local coordination. Three substudies were underway.

Funding:

FY 1973 - No Title X funds were obligated by A.I.D.  
FY 1974 - No Title X funds were obligated by A.I.D.  
Total through 6/30/74 - \$225,000

NCN-REGIONAL: Office of Population, PHA  
Project Name: Statistical Research on Population  
Policies  
Project No. : 931-17-570-554  
Contract No.: csd-3690  
Contractor : Rand Corporation  
Began : Fiscal Year 1972  
Estimated Termination Date: Fiscal Year 1973

Description:

This project provides funds to the Rand Corporation for a research contract to develop specific and well designed research plans and budgets for country survey research studies.

Funding:

FY 1973 - No Title X grant funds were obligated by A.I.D.  
FY 1974 - No Title X grant funds were obligated by A.I.D.  
Total through 6/30/74: \$88,000

NON-REGIONAL: Office of Population, PHA  
Project Name: Development of Releasing Factor  
Inhibitors as Contraceptive Factor  
Project No. : 931-17-570-518  
Contract No.: csd-2785  
Contractor : Salk Institute for Biological Studies  
Began : Fiscal Year 1970  
Estimated Termination Date: Fiscal Year 1975

Description:

This project seeks to develop a new contraceptive through investigations pertaining to that part of the brain called the hypothalamus which controls secretions of the anterior pituitary gland. The anterior pituitary secretes hormones called gonadotropins (e.g. L.H. or luteinizing hormone and FSH follicle-stimulating hormone) which in turn control the endocrine activities to initiate and maintain pregnancy. The Salk Institute will carry out research: (1) to isolate the L.H. and FSH releasing factors and establish their molecular structure; (2) to synthesize these molecules as well as a series of various analogs with LRF activity; (3) to synthesize analogs of LRF with anti-LRF activity as inhibitors of the secretion of L.H., thus acting as anti-fertility agents; (4) to initiate clinical studies with these substances.

Funding:

FY 1973 - \$2,150,000 Title X funds were obligated by A.I.D.  
FY 1974 - No Title X funds were obligated by A.I.D.  
Total through 6/30/74: \$4,405,000

NON-REGIONAL: Office of Population, PHA  
Project Name: Research for Development of a Once-a-Month Birth Control Pill  
Project No. : 932-17-580-493  
Contract No.: csd-2169  
Contractor : Worcester Foundation  
Began : Fiscal Year 1968  
Estimated Termination Date: Fiscal Year 1973

Description:

Modern methods of contraception are helpful but not completely satisfactory. Needed is a nontoxic and completely effective chemical or substance which, when self-administered by woman as a single tablet or capsule, would ensure the nonpregnant state at the completion of one monthly cycle. This project supports research of the corpus luteum for the development of such a once-a-month pill. This improved means of fertility control would greatly facilitate extension of family planning in developing countries.

Worcester was authorized to start work under this contract in May 1969. After the completion of one year, several promising developments could be reported. Studies had been completed on several approaches to luteolysis (disruption of the corpus luteum which is important to maintenance of early pregnancy). Some of this work has included effects of prostaglandins. New assay techniques for gonadotrophins and steroids have been developed. Five publications have appeared or are in press resulting from this work. Based on studies, which have been completed, it is intended to pursue research on luteolysins in primates and to establish the pattern of ovarian and pituitary secretions and the interrelationship of these hormones at critical phases of reproduction.

Funding:

FY 1973 - No Title X grant funds were obligated by A.I.D.  
FY 1974 - No Title X grant funds were obligated by A.I.D.  
Total through 6/30/73: \$208,00

NON-REGIONAL: Office of Population, PHA  
Project Name: Contraceptive Development  
Project No. : 931-18-580-512  
Contract No.: csd-2491  
Contractor : Population Council  
Began : June 30, 1969  
Estimated Termination Date: June 29, 1974

Description:

This is a comprehensive research program to develop a pill which a woman could take during any month she does not wish to become pregnant, which would be a finished packaged product at reasonable cost, fully tested for effectiveness and safety and ready for use in developing countries. This research focuses on interference with progesterational stimulation of the endometrium before or at the time of implantation and includes intramural research; contracting for extramural research; arranging for the cooperation of industry to make available potential compounds for testing and use by public sector; measurement of effects and side effects of drugs and related substances in accord with requirements of drug regulatory agencies, in the U.S. and abroad.

Work has proceeded on interruption of progesterone production at the site of production, i.e. the corpus luteum. Several compounds are being obtained from pharmaceutical companies and screened for this activity. By mid-1973 nearly 300 compounds had been screened in a variety of animals and biochemical tests. Clinical studies on the role of the corpus luteum in early pregnancy are among those made. This program includes synthesis of new compounds and three subcontracts have been awarded. A second approach is to seek to neutralize circulating progesterone by immunologic means and a third approach is to seek means of competitive antagonism to progesterone at uterine cell binding sites.

Subcontracts have been made to university investigators working in fields related to progesterone binding or synthesis.

This project will be conducted over a period of five years.

Funding:

FY 1973 - No Title X funds were obligated by A.I.D.  
FY 1974 - No Title X funds were obligated by A.I.D.  
Total through 6/30/74 - \$2,998,000

NON-REGIONAL: Office of Population, PHA  
Project Name: Prostaglandin and Other Research for  
Development of Contraceptives  
Project No. : 931-17-570-520  
Contract No.: csd-2837  
Contractor : Worcester Foundation for Experimental  
Biology, Inc.  
Began : Fiscal Year 1970  
Estimated Termination Date: June 30, 1973

**Description:**

This project seeks to develop contraceptives which are more specific and act principally on the lower genital organs with relatively little generalized or systemic effect. There is evidence that some prostaglandins show promise for use as contraceptives and abortifacients. This multifaceted research effort will focus principally on a broad program of prostaglandin research including basic studies, evaluation of clinical and field trails and chemical testing. It will also (a) investigate the effects of blocking estrogens, androgens and gestogens by active and passive immunization; (b) study the effects of gestogens and anti-estrogens administered in a delayed absorption form on fertility; (c) investigate in vivo agents which inhibit synthesis of progestins. The development of new contraceptive techniques of greater convenience and acceptability to users in the LDC's and adequately safe to allow freedom from need for medical supervision is important to the solution of population problems. Furthermore, it is unlikely that any single contraceptive will be ideal in all countries and cultures.

**Funding:**

FY 1973 - No Title X funds were obligated by A.I.D.  
FY 1974 - No Title X funds were obligated by A.I.D.  
Total through 6/30/73 - \$2,980,000

NON-REGIONAL: Office of Population, PHA  
Project Name: Safety of Contraceptive Steroids  
Project No. : 931-17-570-521  
Contract No.: csd-2821  
Contractor : Southwest Foundation for Research  
and Education  
Began : Fiscal Year 1970  
Estimated Termination Date: June 30, 1973

Description:

Certain steroid hormones are the active agents in the widely used oral contraceptives and in other, as yet experimental methods using injection and implantation techniques. These methods form one of the major technologies for conception and population control. Their effectiveness and acceptability is proven, but their safety in long-term use and in a variety of populations has not been established and the possibility of undiscovered hazards has received considerable attention. This research project will examine these questions intensively and from a variety of perspectives, ranging from inquiries as to the mechanism of action, to metabolic rate within the body and its effort on organic systems not directly involved in the contraceptive action.

Material studies from endometrial biopsies taken from subjects in Mexico City on oral contraceptives and read as to the morphology of endometrial sinusoids has failed to confirm the British study, which allegedly correlated changes in endometrial vasculature accompanying use of oral contraceptives with clinical signs of systemic vascular disorders such as headache, nervousness, etc. A study was initiated to see if early lesions of diabetes occur in women whose carbohydrate reference compounds are being obtained for studies of metabolism of steroidal contraceptives.

Funding:

FY 1973 - No Title X funds were obligated by A.I.D.  
FY 1974 - No Title X funds were obligated by A.I.D.  
Total through 6/30/73 - \$913,000

NON-REGIONAL: Office of Population, PHA  
Project Name: Development of a Combined Agent for  
Disease Prophylaxes and Contraception  
Project No. : 931-17-570-526  
Contract No.: csd-2822  
Contractor : University of Pittsburgh  
Began : Fiscal Year 1970  
Estimated Termination Date: June 30, 1973

Description:

This project seeks to develop an intravaginal agent or combination of agents which is effective as a contraceptive and as a prophylactic against infectious diseases of the genital tract. During the past several years there has been a rapid and worldwide increase in venereal disease. With programs for control of VD existing in most national health services and with the prospect of increased activity to combat this problem, the use of an agent effective against both VD and unwanted pregnancy could advance fertility control programs as well as health. In addition, it would provide a useful alternative for those who find the pill and IUD unacceptable. The research will be carried out in two major stages: (1) the laboratory screening, and the quantitative testing, in vitro and in vivo, of a number of compounds; and (2) field trials of developed products under use conditions.

During the first six months of the project, over forty different commercially available vaginal products were screened for their efficacy against venereal disease and other infective agents. Other preparations have been tested for spermicidal abilities. Several promising compounds are now undergoing field studies.

Funding:

FY 1973 - \$138,000 Title X funds were obligated by A.I.D.  
FY 1974 - No Title X funds were obligated by A.I.D.  
Total through 6/30/73 - \$719,000

NON-REGIONAL: Office of Population, PHA  
Project Name: Development of Improved Intrauterine  
Contraceptive Devices  
Project No. : 931-17-570-527  
Contract No.: csd-2819  
Contractor : Battelle Memorial Institute  
Began : Fiscal Year 1970  
Estimated Termination Date: Fiscal Year 1976

Description:

The basic objective of this project is to experiment with new IUD materials and designs utilizing bioengineering analysis and other techniques such as holography imaging in order to develop an IUD which will not cause bleeding, pain or other trauma associated with present IUD contraceptives. In addition, experimentation will be made on a variety of mechanisms for the controlled release of hormones, spermicides and anti-VD reagents in order to test their potentiality as contraceptive agents.

The Contractor has been conducting studies which has led to designs for new IUD models. Uterus of animal models (swine) have been studied and compared to the human female uterus. Holography technique is being applied to experimental animals and excised human uteri. A method has been developed for measuring sustained release rates of chemicals or metals from IUD's.

Funding:

FY 1973 - \$873,000 Title X funds were obligated by A.I.D.  
FY 1974 - No Title X funds were obligated by A.I.D.  
Total through 6/30/74: \$1.518.000

NON-REGIONAL: Office of Population, PHA  
Project Name: Studies on the Synthesis of  
Prostaglandins  
Project No. : 931-17-570-532  
Contract No.: csd-2965  
Contractor : University of Wisconsin  
Began : Fiscal Year 1971  
Estimated Termination Date: Fiscal Year 1974

Description:

A research contract with the University of Wisconsin was initiated to develop a simplified synthesis of prostaglandins using micro-organisms to simplify and reduce the cost of prostaglandin synthesis. The researchers will employ micro-organisms to make difficult chemical synthetic steps and to produce key chemical intermediates that can subsequently be used in the final synthesis of prostaglandins.

Funding:

FY 1973 - No Title X funds were obligated by A.I.D.  
FY 1974 - No Title X funds were obligated by A.I.D.  
Total through 6/30/74: \$227,000



NON-REGIONAL: Office of Population, PHA  
Project Name: Surgical and Engineering Research on  
Means of Fertility Control  
Project No. : 931-17-570-538  
Contract No.: csd-3152  
Contractor : Battelle Memorial Institute  
Began : Fiscal Year 1971  
Estimated Termination Date: Fiscal Year 1976

Description:

The purpose of this project is to develop and evaluate new techniques of female sterilization. It engages the combined talents of engineers, physical and biological scientists, material specialists and clinicians to: (a) develop new and improved techniques and equipment for termination of early pregnancy, (b) conduct research on simplified and more reversible means of male sterilization and (c) to initiate studies in experimental animals regarding female sterilization. The program is designed to insure maximum utilization of direct feedback from clinic and field personnel so that methods will evolve that are safe, simple, effective and acceptable.

Funding:

FY 1973 - No Title X funds were obligated by A.I.D.  
FY 1974 - \$392,000 Title X funds were obligated by A.I.D.  
Total through 6/30/74: \$1,420,000

NON-REGIONAL: Office of Population, PHA  
Project Name: Study on Side Effects of  
Prostaglandins  
Project No. : 931-17-570-541  
Contract No.: csd-3160  
Contractor : Washington University  
Began : Fiscal Year 1971  
Estimated Termination Date: Fiscal Year 1976

Description:

A research contract was initiated with Washington University at St. Louis, Missouri, to carry out controlled clinical trials on human subjects using prostaglandins as a means of fertility control and to study mechanisms of action of prostaglandins.

Funding:

FY 1973 - \$ 9,000 Title X funds were obligated by A.I.D.  
FY 1974 - \$128,000 Title X funds were obligated by A.I.D.  
Total through 6/30/74: \$430,000

NON-REGIONAL: Office of Population, PHA  
Project Name: International Program for Applied  
Fertility Research  
Project No. : 931-17-570-546  
Contract No.: csd-3608  
Contractor : University of Minnesota  
Began : Fiscal Year 1972  
Estimated Termination Date: Fiscal Year 1975

Description:

This research project is directed by a Universities Group for Contraceptive Research. The program involves a panel of experts to solicit, evaluate, and assist in the development and monitoring of a series of studies which require modest funding both within the United States and in less developed countries. These studies are directed to include work to develop improved means of male and female sterilization, studies of once-a-month means of fertility control, and evaluation of locally effective male and female methods including condoms and vaginal contraceptives.

Funding:

FY 1973 - No Title X funds were obligated by A.I.D.  
FY 1974 - No Title X funds were obligated by A.I.D.  
Total through 6/30/74: \$3,350,000

NON-REGIONAL: Office of Population, PHA  
Project Name: Simplified Techniques of Fertility Control  
Project No. : 931-17-580-548  
Contract No.: csd-3627  
Contractor : Johns Hopkins University  
Began : Fiscal Year 1972  
Estimated Termination Date: Fiscal Year 1975

Description:

The objective of this research program is to establish a clinical unit for the development and evaluation of simplified fertility control techniques suitable for use in less developed countries. A secondary objective is to determine the undesirable side effects of drugs and techniques currently used in these countries and to seek ways of eliminating or minimizing undesirable side effects. It is expected that this unit will allow the development and testing of new means of fertility control with regard to efficacy, simplicity, safety and patient acceptability of fertility control techniques. It will also serve as a facility for training participants from the developing countries in the most up-to-date techniques of fertility control.

Funding:

FY 1973 - \$158,000 Title X grant funds were obligated by A.I.D.  
FY 1974 - No Title X grant funds were obligated by A.I.D.  
Total through 6/30/74 - \$3,508,000

NON-REGIONAL: Office of Population, PHA  
Project Name: Research on Prostaglandins in  
Relation to Human Reproduction  
Project No. : 932-17-570-602  
Contract : CM-pha-C-73-36  
Contractor : University of Singapore  
Began : Fiscal Year 1973  
Estimated Termination Date: Fiscal Year 1975

Description:

This is a research contract with the University of Singapore to further test and develop prostaglandins as a means of fertility control.

Funding:

FY 1973 - \$475,000 Title X funds were obligated by A.I.D.  
FY 1974 - No Title X funds were obligated by A.I.D.  
Total through 6/30/74: \$475,000

NON-REGIONAL: Office of Population, PHA  
Project Name: Sterilization by Endometrial Ablation  
Project No. : 932-17-570-603  
Contract No.: CM-pha-C-73-27  
Contractor : University of Colorado  
Began : Fiscal Year 1973  
Estimated Termination Date: Continuing

Description:

This project provides funds for a research contract with the University of Colorado to investigate, in sub-human primates, the potential of cyrosurgical ablation of the endometrium as a method of female sterilization.

Funding:

FY 1973 - \$76,000 Title X funds were obligated by A.I.D.  
FY 1974 - No Title X funds were obligated by A.I.D.  
Total through 6/30/74 - \$76,000

NON-REGIONAL: Office of Population, PHA  
Project Name: Research on the Safety of Oral Contraceptives  
in Developing Countries  
Project No. : 932-17-570-607  
Contract No.: CM-pha-73-32  
Contractor : Southwest Foundation for Research  
Education  
Began : Fiscal Year 1973  
Estimated Termination Date: Fiscal Year 1976

Description:

Under an A.I.D. financial research contract, the Southwest Foundation for Research and Education is studying the metabolic and vascular effects of steroids used in current hormonal contraceptives and the health effects of the oral contraceptors. These studies are being conducted in developing countries.

Funding:

FY 1973 - \$1,226,000 Title X funds were obligated by A.I.D.  
FY 1974 - No Title X funds were obligated by A.I.D.  
Total through 6/30/74: \$1,226,000

NON-REGIONAL: Office of Population, PHA  
Project Name: Rapid Diffusion of Population  
Research Findings  
Project No. : 931-11-570-981  
Contract No.: csd-3643  
Contractor : George Washington University  
Began : Fiscal Year 1972  
Estimated Termination Date: Continuing

Description:

Through this project A.I.D. is supporting an information interchange program at the Biological Sciences Communication Project of George Washington University. Increased amounts of funds are being spent in research on fertility control technology. The number of investigators and laboratories are also increasing. Communication to make information available concerning work being done and completed results will be important. This program is providing a series of organized and indexed publications with references, abstracts, and analysis for each of the important means of fertility control including steroidal contraception, IUD's, and sterilization.

Funding:

FY 1973 - No Title X funds were obligated by A.I.D.  
FY 1974 - \$897,000 Title X funds were obligated by A.I.D.  
Total through 6/30/74: \$2,698,000

NON-REGIONAL: Office of Population, PHA  
Project Name: Population Technical Support  
Project No. : 931-11-570-002  
Began : Fiscal Year 1968  
Estimated Termination Date: Indefinite

**Description:**

This project provides A.I.D. Missions with technical reports, documents, publications, films, prototype and sample commodities, models depicting new concepts, etc. It also finances requests for population technical information which Missions are unable to procure with essential promptness. It provides a library service as a staff reference resource for technical information on population matters.

This project has purchased a pelvic model to demonstrate IUD insertion as a training aide. Copies of publications, films, etc., produced by universities, cooperating countries, and institutions have been acquired for distribution to the family planning offices overseas. This project has also funded the publication of the "Population Program Assistance" reports, funds for the technical reference library, and a substantial amount of other field support activity. It has funded consultants sent to Peru and Bolivia. Other staff members have been sent to Latin America, Indonesia and the Philippines.

**Funding:**

FY 1973 - \$482,000 Title X funds were obligated by A.I.D.  
FY 1974 - \$678,000 Title X funds were obligated by A.I.D.  
Total through 6/30/74 - \$1,699,000

NON-REGIONAL: Office of Population, PHA  
Project Name: Family Planning Services  
Project No. : 931-11-580-807  
Contract No.: csd-1870  
Contractor : Pathfinder Fund  
Began : January 19, 1968  
Estimated Termination Date: Continuing

Description:

The long-range objective of this project is to encourage the development of national family planning programs in the less developed countries. Grants to the Pathfinder Fund enable it to provide assistance to groups and individuals not receiving support from governments, international or other private organizations. Activities to be carried out under this project are:

- (1) to find and select qualified organization, institutions, and individuals in less developed countries who are interested in providing family planning services to individuals for whom such services are not otherwise available;
- (2) to train physicians, midwives, nurses, and administrators for work in family planning action programs; and
- (3) to supply pioneering organizations and individuals with contraceptives, audiovisual, medical and other supplies, and funds for salaries and other administrative expenses.

In FY 1973, Pathfinder Fund conducted or sponsored over 135 projects, in 44 developing countries of these 106 were new projects initiated in FY 1973. It has assisted local groups in forming family planning associations, encouraged new contraceptive clinical services directed by local physicians; sponsored training programs for medical personnel; provided contraceptives, other supplies, and initial funds to clinics; and assisted local studies of the acceptability and effectiveness of present contraceptive methods. Informational and educational materials and audiovisual equipment have been provided as well as population education curricula developed for secondary school and university students.

Funding:

FY 1973 - \$6,035,000 Title X funds were obligated by A.I.D.  
FY 1974 - \$3,500,000 Title X funds were obligated by A.I.D.  
Total through 6/30/74: \$19,101,000

NON-REGIONAL: Office of Population, PHA  
Project Name: Expansion of Postpartum Family  
Planning Program  
Project No. : 931-11-580-812  
Contract No.: csd-2155  
Contractor : Population Council  
Began : June 28, 1968  
Estimated Termination Date: June 27, 1973

Description:

This project consists of a grant to the Population Council to support the rapid expansion of the postpartum concept of family planning to more large maternity hospitals in the developing countries.

In June 1969, all postpartum subgrants to hospitals initially funded under Project No. 931-17-580-479, Contract No. csd-1565, "Evaluation Studies of International Postpartum Program, (IPPF)," were transferred to this project as they were renewed.

As a demonstration project, the IPPF has been limited to hospitals with no fewer than 1,000 deliveries per year. One hundred and sixteen of approximately 600 such hospitals in the developing world (excluding the Peoples's Republic of China) have been directly associated with the program.

Postpartum programs previously supported by the Council are being transferred to other funding such as the World Health Organization, the U.N. Fund for Population Activities and local governments.

Funding:

FY 1973 - \$1,080,000 Title X funds were obligated by A.I.D.  
FY 1974 - No Title X funds were obligated by A.I.D.  
Total through 6/30/74 - \$3,893,000

NON-REGIONAL: Office of Population, PHA  
Project Name: Worldwide Grant - IPPF  
Project No. : 931-11-580-838  
Contract No.: csd-1837  
Contractor : International Planned Parenthood  
Federation  
Began : October 23, 1967  
Estimated Termination Date: Continuing

Description:

The project uses the established channel of the International Planned Parenthood Federation (IPPF) to provide assistance to private voluntary association and organization affiliates to make family planning services and information freely available on a voluntary basis. The project provides: (a) financial support for local costs of specific programs and projects including training and personal services, expenses related to the conduct of educational programs and clinical services; and (b) U.S. commodities in support of the activities of the affiliates.

IPPF provides technical assistance to its associations through the central office and the regional offices. This assistance may be in the form of advice on delivery of medical services; administration; program planning and evaluation; helping to develop educational aids; training workers at all levels in family planning; and exchange of information on new medical developments and significant research.

IPPF is funded by voluntary contributions from private citizens, from foundations all over the world, and by grants from governments.

Funding:

FY 1973 - \$11,404,000 Title X funds were obligated by A.I.D.  
FY 1974 - \$10,000,000 Title X funds were obligated by A.I.D.  
Total through 6/30/74: \$32,680,000

NON-REGIONAL: Office of Population, PHA  
Project Name: Rapid Feedback for Family Planning  
Improvement  
Project No. : 931-11-580-842  
Contract No.: csd-2251  
Contractor : University of Chicago  
Began : June 1969  
Estimated Termination Date: Fiscal Year 1975

Description:

A contract with the Community and Family Studies Center (CFSC) at the University of Chicago provides for: (1) the design, support and conduct of training courses in evaluation and improvement of family planning/population programs by means of overseas workshops and seminars in appropriate languages at established regional and in-country centers of population studies and family planning action; and (2) the acceleration of present experimental work aimed at solving methodological and procedural problems of evaluation improvement through the use of modern procedures for client and clinic data collection analysis and the evaluation of social and behavioral aspects of contraceptives utilization.

In FY 1973, CFSC published the following methodological manuals: "An Empirical Model for Demographic Evaluation of the Impact of Contraception and Marital Status on Birth Rates," "A Simplified Client Record System for Family Planning Programs," and "Single and Multiple Decrement Life Table Procedures for the Analysis of the Use-Effectiveness of Contraception."

A workshop was held in Indonesia in FY 1973 on the use of computers in family planning evaluation. CFSC assisted the Economic Commission on Asia and the Far East in holding seminars in the analysis of fertility data and in the use of computers in demographic analysis and evaluation.

PROFAMILIA in Colombia received assistance in improving its client records system and in analyzing historical patient data. Negotiations were initiated with Tunisia and Indonesia to provide long-term technical assistance in research and evaluation. In Indonesia CFSC helped survey contraceptive continuation and fertility.

Funding:

FY 1973 - \$257,000 Title X funds were obligated by A.I.D.  
FY 1974 - No Title X funds were obligated by A.I.D.  
Total through 6/30/74 - \$1,229,000

NON-REGIONAL: Office of Population, PHA  
Project Name: Methodology for Evaluating Family  
Planning Programs  
Project No. : 931-11-580-855  
Contract No.: csd-2479  
Contractor : Columbia University  
Began : June 30, 1969  
Estimated Termination Date: Fiscal Year 1976

Description:

This contract with Institute for the Study of Human Reproduction, Columbia University, provides for incremental costs of an expanded central facility at Columbia, and a series of field teams to develop systems of evaluation for use in family planning programs. The staff at Columbia University is developing a system for data collection, analysis, and evaluation for incorporation into the host country family planning program by means of field teams comprised of Columbia and host country personnel working within counterpart agencies.

During the first year of the project, work was performed at Columbia on definition of indices and methods for family planning evaluation, and the design of a framework for program evaluation, which would have functional application within the evaluation units of host country family planning programs as they were established.

Evaluation units have been established in El Salvador, Costa Rica, and Ecuador. Seven technical manuals on evaluation methodology have been produced with seven more set for publication in 1973. An urban migration study in Ecuador focused on family planning acceptance and a study of private sector distribution of contraceptives was made in Costa Rica. (The evaluation unit in Costa Rica is now able to function autonomously). Over 10,000 copies of reports, manuals and papers were distributed to family planning agencies, government programs and others in population programs throughout the world.

Development of a Family Planning Program Evaluation Information Service went forward with publication of a "Fertility Modification Thesaurus." A model information retrieval system was designed to be set up within AID's Office of Population.

Funding:

FY 1973 - \$241,000 Title X funds were obligated by A.I.D.  
FY 1974 - No Title X funds were obligated by A.I.D.  
Total through 6/30/74: \$1,892,000

NON-REGIONAL: Office of Population, PHA  
Project Name: Programmatic Grant to Population  
Council  
Project No. : 931-11-570-863  
Contract No.: cad-2897  
Contractor : Population Council  
Began : June 30, 1969  
Estimated Termination Date: Fiscal Year 1976

Description:

The Population Council under this grant assists A.I.D. to develop and implement approved programs; public information and communication activities; knowledge and insight to socioeconomic factors in determining population policies; effects of population growth on economic planning and educational goals; and need for additional and better trained specialists in population/family planning programs.

The Council provides grants and fellowships in demography, physiology of human reproduction, family planning and small demographic and biomedical grants. Its program of institutional development for demographic and population research spreads through the three major developing areas of the world. Through its Biomedical Division, the Council is trying to develop new and better methods of fertility control and to stimulate research and training in reproductive biology and allied fields through its Visiting Scientist, Fellowship Training and Grants Program.

Funding:

FY 1973 - \$6,200,000 Title X funds were obligated by A.I.D.  
FY 1974 - No Title X funds were obligated by A.I.D.  
Total through 6/30/74: \$9,200,000

NON-REGIONAL: Office of Population, PHA  
Project Name: Field Support Technical Services  
Project No. : 931-11-570-877  
Contract No.: csd-2604  
Contractor : American Public Health Association  
Began : June 3, 1970  
Estimated Termination Date: Fiscal Year 1975

Description:

This project provides a mechanism through which outstanding consultants in family planning can be mobilized to respond to USAIDs' needs for help in various aspects of planning, implementing and evaluating population/family planning programs worldwide and to serve as a technical resource to A.I.D. The APHA has set up a Washington office and has prepared rosters of consultants - not restricted to its membership - to assure recruitment to fill specific requests with minimum administrative delay and paperwork, while maintaining high standards of quality. Requests for consultants are initiated by USAID Missions, Regional Bureaus, or A.I.D/W. All consultants are briefed and debriefed in Washington, and cleared by the Missions before they depart for their assignments.

Funding:

FY 1973 - \$328,000 Title X funds were obligated by A.I.D.  
FY 1974 - \$328,000 Title X funds were obligated by A.I.D.  
Total through 6/30/74: \$1,228,000

NON-REGIONAL: Office of Population, PHA  
Project Name: Survey of Global Patterns of  
Commercial Distribution of  
Contraceptives  
Project No. : 931-11-570-942  
Contract No.: csd-3319  
Contractor : Westinghouse Electric Company  
Began : Fiscal Year 1971  
Estimated Termination Date: Fiscal Year 1974

**Description:**

This project is being carried out through a contract with Westinghouse Electric Corporation, Columbia, Maryland, to carryout an inventory and analysis of contraceptive production, marketing, and distribution through the private sector in selected developing countries. Field study of local manufacturing and distribution facilities in nine representative countries have been undertaken. They are: Pakistan, South Korea, the Philippines, Thailand, Iran, Turkey, Venezuela, Panama, and Jamaica.

During the first year of the study, concentration was made on a descriptive analysis of contraceptive manufacturing, import and pricing marketing and distribution patterns, legal restrictions affecting distribution, and volume of contraceptives distributed through public and private sectors. During the second year, retail outlet and consumer-use surveys were conducted.

**Funding:**

FY 1973 - \$94,000 Title X funds were obligated by A.I.D.  
FY 1974 - \$95,000 Title X funds were obligated by A.I.D.  
Total through 6/30/74: \$629,000

NON-REGIONAL: Office of Population, PHA  
Project Name: Family Planning Management Information  
System  
Project No. : 931-11-570-951  
Contract No.: csd-3298  
Contractor : Management Sciences for Health, Inc.  
Began : Fiscal Year 1971  
Estimated Termination Date: Fiscal Year 1975

Description:

A contract with Management Services for Health, Inc. (MSH) Cambridge, Massachusetts, is directed toward improving the management of family planning programs through the application of modern management techniques.

Long-term assistance is being provided to the Korean program. The contractor has responded to requests for assistance from the Philippines, Ghana, and Turkey. The largest continuing project is in Afghanistan where MSH is helping to develop a public health/family planning network for the country. It is also providing technical assistance in establishing the infrastructure of the Ministry of Health.

Funding:

FY 1973 - \$72,000 Title X grant funds were obligated by A.I.D.  
FY 1974 - \$364,000 Title X grant funds were obligated by A.I.D.  
Total through 6/30/74: \$997,000

NON-REGIONAL: Office of Population, PHA  
Project Name: Development of Family Planning  
Programs of CWS and other Charitable  
Organizations  
Project No. : 931-11-580-955  
Contract No.: csd-3289  
Contractor : Planned Parenthood Federation of  
America  
Began : Fiscal Year 1971  
Estimated Termination Date: Fiscal Year 1976

**Description:**

A grant has been made to the Planned Parenthood Federation of America to develop and improve family planning programs assisted by Church World Service (CWS) and other charitable organizations. Through the Planned Parenthood Federation, technical staff and material support will be given in program development and administration; medical and paramedical standards and practices; patient-oriented motivation; and training and manpower development. Over 600 of the 1,200 hospitals assisted by CWS provide family planning information and services. It is expected that with assistance from this grant, CWS will begin a program of expansion which will increase the effectiveness and scope of its program.

**Funding:**

FY 1973 - No Title X funds were obligated by A.I.D.  
FY 1974 - \$2,950,000 Title X funds were obligated by A.I.D.  
Total through 6/30/74: \$10,750,000

NON-REGIONAL: Office of Population, PHA  
Project Name: Program in Voluntary Sterilization  
Project No. : 931-11-580-968  
Contract No.: csd-3611  
Contractor : Association of Voluntary Sterilization,  
Inc.  
Began : Fiscal Year 1972  
Estimated Termination Date: Continuing

Description:

Under this project a grant has been made to the Association of Voluntary Sterilization, Inc., New York to support action programs in those developing countries where there are people and organizations ready and willing to participate in this activity. AVS created the International Project in June 1972. Its first major objective was the organization of the Second International Conference on Voluntary Sterilization in Geneva, Switzerland during February 1973. The Project offers grants to help medical groups in assisted countries to provide voluntary sterilization services. It has 15 service, training and IEC grants throughout Asia and Latin America. A voluntary sterilization program has been established in Kenya.

Funding:

FY 1973 - \$1,000,000 Title X grant funds were obligated by A.I.D.  
FY 1974 - \$1,250,000 Title X grant funds were obligated by A.I.D.  
Total through 6/30/74: \$3,126,000

NON-REGIONAL: Office of Population, PHA  
Project Name: Bulk Procurement of Oral Contraceptives  
Project No. : 931-11-580-982  
Began : Fiscal Year 1972  
Estimated Termination Date: Continuing

Description:

Under this project, authorization is made to the General Services Administration to contract for an adequate supply of suitable oral contraceptives for AID-assisted family planning programs. The commodities provided cover a wide range of supplies and equipment. In addition to contraceptive supplies such as oral contraceptives, intrauterine devices, condoms, aerosol foam, diaphragms, creams, and jels, AID has provided a line of medical kits for family planning purposes. These medical instruments are used to perform pelvic examinations, insert IUDs, take Pap smears, and perform tubal ligations, uterine aspirations, and vasectomies. AID supplies oral contraceptives on a bilateral basis to 19 countries and by working through other participating organizations, makes contraceptives available to some 70 countries.

Since June 1972, all AID-procured oral contraceptives have been in a standard Blue Lady pack containing three monthly cycles, fast becoming familiar to women in the developing world. Other major activities have included development of specifications for a self-contained laparoscopic unit and development of a simple menstrual regulation kit.

Funding:

FY 1973 - \$9,500,000 Title X funds were obligated by A.I.D.  
FY 1974 - \$14,645,000 Title X funds were obligated by A.I.D.  
Total through 6/30/74: \$23,006,000

NON-REGIONAL: Office of Population, PHA  
Project Name: Bulk Procurement of Condoms  
Project No. : 932-11-580-613  
Began : Fiscal Year 1974  
Estimated Termination Date: Fiscal Year 1974

Description:

This project provided funds for purchase of condoms in bulk quantities to meet field program requirements.

Funding:

FY 1974 - \$3,077,000 Title X funds were obligated by A.I.D.  
Total through 6/30/74 - \$3,077,000

NON-REGIONAL: Office of Population, PHA  
Project Name: Development of Commercial Contraceptive  
Distribution  
Project No. : 932-11-580-612  
Contract No.: csd-3319  
Contractor : Westinghouse  
Began : Fiscal Year 1974  
Estimated Termination Date: Fiscal Year 1976

Description:

On October 19, 1973 AID authorized implementation of two sub-projects for the Development of Commercial Contraceptive Distribution in selected LDCs over a four year period. Under this authorization a sub-project for Jamaica was submitted for Agency review and subsequently approved. On June 28, 1974 a contract was signed with the Health Systems Division of the Westinghouse Electric Corporation of Columbia, Maryland to undertake a project for the Development of Commercial Contraceptive Distribution in Jamaica over a three year period. The project was initiated on August 15, 1974.

The specific purpose of the project is: (a) to involve the commercial sector in Jamaica to bring about a significant increase in the number of users of contraceptives, principally orals and condoms, as a complement to the existing family planning activities in the public sector; and (b) to demonstrate, through comparative cost studies, that commercial distribution is more cost effective in reaching contraceptors than public family planning programs, because the former utilizes the already existing distributive system rather than financing the further expansion of public clinical facilities.

The contract provides for the Contractor to negotiate agreements directly with established local distributing firms for the promotion, distribution and sale of contraceptives through the existing retail system.

Funding:

FY 1974 - \$581,000 Title X funds were obligated by A.I.D.  
Total through 6/30/74 - \$581,000

NON-REGIONAL: Office of Population, PHA  
Project Name: Commercial Contraceptive Marketing  
Development  
Project No. : 932-11-580-611  
Contract No.: AID/pha-C-1055  
Contractor : Population Service International  
Began : Fiscal Year 1974  
Estimated Termination Date: Fiscal Year 1977

Description:

On October 19, 1973 AID authorized implementation of up to five sub-projects for Commercial Contraceptive Marketing Development in selected LDCs over a five year period. Under this authorization a sub-project for Bangladesh was submitted for Agency review and subsequently approved. On June 20, 1974 a contract was signed with Population Services International of Chapel Hill, North Carolina covering a Commercial Contraceptive Marketing Development project in Bangladesh over a three-year period, subject to prior Agency approval of a marketing plan which the Contractor is to prepare and submit for AID review within 4 1/2 months of initiation of the project. The project commenced on July 15, 1974.

The specific purpose of the project is: (a) to involve the commercial sector in Bangladesh to bring about a significant increase in the number of users of contraceptives, principally orals and condoms, as a complement to the existing family planning activities in the public sector; and (b) to demonstrate, through comparative cost studies, the commercial distribution is more cost effective in reaching contraceptors than public family planning programs, because the former utilizes an already existing distributive system rather than financing the further expansion of public clinical facilities.

The contract provides for the Contractor to work through an especially established indigenous nonprofit company. This indigenous company will undertake the marketing of contraceptives through the retail subcontracts with distributing firms. It will also recruit, train and employ a cadre of commission salesmen to supplement the staffs of the distributing firms in order to accelerate the introduction of contraceptives into retail outlets and placement of promotional materials. Once this task is completed, reliance for distribution and sale of the products will fall mainly on the distributing firms.

Funding:

FY 1974 - \$277,000 Title X funds were obligated by A.I.D.  
Total through 6/30/74 - \$277,000

NON-REGIONAL: Office of Population, PHA  
Project Name: MCH/FP Model Clinic  
Project No. : 932-11-580-610  
Contract No.: AID/PHA-C-1038  
Contractor : University of Wisconsin  
Began : Fiscal Year 1974  
Estimated Termination Date: Fiscal Year 1975

Description:

The purpose of this project was to establish a pilot program in a rural area of Mexico which would demonstrate the use of paramedical personnel to give direct family planning and health services at a low cost and one that could be duplicated in rural areas of Mexico.

Funding:

FY 1974 - \$307,000 Title X funds were obligated by A.I.D.  
Total through 6/30/74 - \$307,000

NON-REGIONAL: Office of Population, PHA  
Project Name: Management and Consultant Services  
for Evaluation  
Project No. : 932-11-570-978  
Contractor : HEW/CDC  
Began : Fiscal Year 1974  
Estimated Termination Date: Fiscal Year 1977

Description:

This project is designed to improve the management and evaluation capability of family planning services in LDC's. Assistance will focus on improving estimates of contraceptive continuation rates, improving estimates of prevalence of contraceptive use in the target population, improving client record systems, and promoting and monitoring the flow of contraceptive commodities.

Through a Resources Support Service Agreement with the Communicable Disease Center, Department of Health, Education, and Welfare, CDC has done continuation rate surveys in the Philippines, cost effective studies in Korea, and has implemented client record systems in Guatemala and Nicaragua.

Funding:

FY 1974 - \$151,000 Title X funds were obligated by A.I.D.  
Total through 6/30/74 - \$151,000

NON-REGIONAL: Office of Population, PHA  
Project Name: Grant to Asia Foundation  
Project No. : 932-13-950-017  
Contract No.: csd-2228  
Contractor :: Asia Foundation  
Began : Fiscal Year 1973  
Estimated Termination Date: Fiscal Year 1978

Description:

The Asia Foundation has had long experience working in Asia countries. Drawing on the experience, the A.I.D. grant will assist the Foundation through IEC activity to stimulate organizations not presently active in population/family planning work to become active on it. During FY 1973 the Foundation started more than 100 projects in 13 Asian countries.

Funding:

FY 1973 - \$1,407,000 Title X funds were obligated by A.I.D.  
FY 1974 - \$ 200,000 Title X funds were obligated by A.I.D.  
Total through 6/30/74 - \$1,607,000

NON-REGIONAL: Office of Population, PHA  
Project Name: Family Planning Education Through  
Adult Literacy Programs  
Project No. : 931-11-580-820  
Contract No.: csd-3280  
Contractor : World Education, Inc.  
Began : Fiscal Year 1969  
Estimated Termination Date: Fiscal Year 1977

Description:

This contract with World Education, Inc., of New York City is to encourage and implement use of population/family planning information in functional literacy programs throughout the developing countries of the world.

The Contractor, putting major emphasis on functional literacy training in developing countries, is assisting country literacy programs to incorporate family planning information in literacy teaching materials and curricula. Initial program steps were started in Ecuador, Afghanistan, Indonesia, and Malaysia. In FY 1973 expansion occurred in programs of Colombia's Accion Cultural Popular, the Women's Welfare Organization of Ethiopia, and the Philippine Rural Construction Movement. Established programs continued in Turkey, Thailand, Honduras, Costa Rica and the Philippines.

Funding:

FY 1973 - \$257,000 Title X grant funds were obligated by A.I.D.  
FY 1974 - \$581,000 Title X grant funds were obligated by A.I.D.  
Total through 6/30/74: \$2,931,000

**NON-REGIONAL: Office of Population, PHA**  
**Project Name: World Assembly of Youth (WAY)**  
**Family Planning Conferences**  
**Project No. : 931-11-570-850**  
**Contract No.: csd-2271**  
**Contractor : World Assembly of Youth**  
**Began : Fiscal Year 1969**  
**Estimated Termination Date: Fiscal Year 1975**

**Description:**

The purpose of this project is to support, through a grant to World Assembly of Youth in Brussels, national and local conferences of young people in the less developed countries to inform them about population problems and to promote family planning. More than 100 of the major youth organizations of the world are benefiting from the information-education program of WAY. International, regional and national seminars have led to thousands of local population workshops in the past four years, involving over 250,000 youth leaders.

The general program of the conferences includes publicity aimed at local areas, local conferences to promote family planning, primarily in rural areas, and follow-up evaluation.

Seminars have been held in developing countries throughout the world. Thousands of copies each have been distributed of "Youth and Family Planning" and "What Can You Do" books in English and Spanish. In FY 1973 a three-week seminar was held at the Brussels headquarters for youth leaders from developing countries.

**Funding:**

**FY 1973 - \$646,000 Title X funds were obligated by A.I.D.**  
**FY 1974 - \$375,000 Title X funds were obligated by A.I.D.**  
**Total through 6/30/74: \$2,284,000**

NON-REGIONAL: Office of Population, PHA  
Project Name: Improvement of Library and Reference  
Services  
Project No. : 931-11-570-857  
Contract No.: csd-2936  
Contractor : University of North Carolina  
Began : Fiscal Year 1971  
Estimated Termination Date: Fiscal Year 1973

Description:

The goal of this project is to raise the adequacy of population information services needed for population research, program, and policy design in the developing countries. Assistance will be given through this project to institutions in these countries involved in library and reference work by: (1) establishing a communication exchange; (2) developing improved methods, manuals, and materials for libraries; (3) assisting in the development of key library centers; (4) providing training for specialists, short courses, seminars for library personnel; (5) consultation aid; (6) organizing and conducting an international workshop on population library and information services; and (7) publish an International Directory of Population Libraries and Information Resources.

Funding:

FY 1973 - No grant funds were obligated by A.I.D.  
FY 1974 - \$47,000 grant funds were obligated by A.I.D.  
Total through 6/30/74 - \$571,000

NON-REGIONAL: Office of Population, PHA  
Project Name: Inventory and Analysis of IE&C Support  
Project No. : 931-11-570-900  
Contract No.: csd-2878  
Contractor : East-West Center at the University of  
Hawaii  
Began : Fiscal Year 1971  
Estimated Termination Date: Fiscal Year 1974

Description:

The goal of this project is to establish a continuing inventory of key information/education/communication activities, plans, and assistance relating to population programs on a worldwide basis; to identify and analyze problems and needs in IE&C support; to report results of inventory/analysis work continually during the year and to encourage and assist research and evaluation work in developing countries where IE&C support matters are related to population problems.

Funding:

FY 1973 - \$131,000 Title X funds were obligated by A.I.D.  
FY 1974 - No Title X funds were obligated by A.I.D.  
Total through 6/30/74 - \$443,000

NON-REGIONAL: Office of Population, PHA  
Project Name: Development of Institutional Capacity  
for IE&C Support of Population Programs  
Project No. : 931-11-570-917  
Contract No.: AID/pha-G-1039  
Contractor : East-West Center, University of Hawaii  
Began : Fiscal Year 1970  
Estimated Termination Date: Fiscal Year 1977

Description:

The goal of this project is to create an institutional resource for meeting the needs of international and national agencies and programs in the field of IE&C support for family planning. The East-West Center's Communication Institute is developing the capability to provide worldwide services in IE&C planning, analysis, consultation, and research evaluation. Leaders and related officials of developing countries are being trained in techniques of IE&C planning and implementation. The Center conducts three training sessions per year for population IE&C leaders, plus short-term workshops.

In early 1972, the Center conducted its first two training programs in the population communication support field. One was a three month session for fifteen leaders from developing countries, including IE&C leaders. It was followed in mid-year with a special training course for population communication advisors, to better equip them to help developing countries. Participants included four specialists nominated by UNESCO. Planning and arrangements for a population education planning seminar of interested agencies and specialists and a conference sponsored by United Nations Education, Scientific, and Cultural Organization on population communication, were held at the East-West Center late in calendar year 1972.

The Institute has also developed a new modular system of professional development to take effect in 1974. Innovative activities in 1973 included seminars in use of commercial resources in IEC programs and the importance to IEC of applied research. There were two special workshops on population education. A bi-monthly IEC newsletter, special bulletins and pamphlets and a series of reports on population on IEC activities in specific countries are being published by the Institute.

Funding:

FY 1973 - No funds were obligated by A.I.D.  
FY 1974 - \$638,000 grant funds were obligated by A.I.D.  
Total through 6/30/74 - 1,686,000

NON-REGIONAL: Office of Population, PHA  
Project Name: Training Films in Population Field  
Project No. : 931-11-570-922  
Contract No.: csd-3318  
Contractor : Dick Young Productions, Ltd., N.Y.  
Began : Fiscal Year 1971  
Estimated Termination Date: Fiscal Year 1973

**Description:**

This contract was for the production of a 16mm sound and color film for orientation and training population and family planning workers in the United States and overseas. In January 1973 a 28-minute documentary-style film called "Population: Challenge and Response" was released. It depicts representative activities being undertaken around the world to solve the problem of population growth. The film was made in six developing countries and the U.S.

**Funding:**

FY 1973 - \$22,000 Title X funds were obligated by A.I.D.  
FY 1974 - No Title X funds were obligated by A.I.D.  
Total through 6/30/74: \$110,000

NON-REGIONAL: Office of Population, PHA  
Project Name: Computer Instruction in Population  
Dynamics and Economic Development (PLATO)  
Project No. : 931-11-570-924  
Contract No.: csd-2937  
Contractor : University of Illinois  
Began : Fiscal Year 1971  
Estimated Termination Date: Fiscal Year 1977

Description:

The Contractor has developed a computer assisted course in population dynamics and economic development. The course is being used to demonstrate the significance of population growth to economic problems. The program is somewhat like the GE-TEMPO project, but has the advantage of allowing the participant to choose the variables and immediately gives the results or implications of his choice. PLATO (Programmed Logic Automatic Training Organization) is used as a teaching tool in the field of population dynamics. The display screen is interfaced with a computer which can display an infinite number of graphs, charts, demographic profiles, and projections for 76 countries when various keys are pushed by the user. Included in the project is training of foreign nationals and exploratory use of computer generated graphics to produce film loops which could be used for training abroad.

During FY 1973 some 450 participants took part in population dynamics seminars. A new contract was signed late in FY 1973 to expand the original program. Remote visual display screens are to be installed at several population training centers in the U.S.

Funding:

FY 1973 - \$727,000 Title X grant funds were obligated by A.I.D.  
FY 1974 - No Title X grant funds were obligated by A.I.D.  
Total through 6/30/74: \$1,008,000

**NON-REGIONAL:** Office of Population, PHA  
**Project Name:** Promotion of Family Planning Among  
Midwife Organizations  
**Project No. :** 931-11-570-947  
**Contract No.:** csd-3411  
**Contractor :** International Confederation of Midwives  
(ICM)  
**Began :** Fiscal Year 1972  
**Estimated Termination Date:** Fiscal Year 1977

**Description:**

A grant was made to the International Confederation of Midwives (ICM) of London, England to develop and implement a program to advance family planning through the medium of the midwife profession. The ICM placed major emphasis on population/family planning in the ICM International Congress held in October, 1972 in Washington, D.C. Approximately 2,500 midwives from some 80 countries attended.

During FY 1973 the ICM held a working party in Ghana for midwives and obstetricians from five English-speaking West African countries. The working party focused on the role of midwives in family planning. It was the first of a planned three-year series of regional working parties which will include delegates from the developing countries.

**Funding:**

FY 1973 - No Title X funds were obligated by A.I.D.  
FY 1974 - No Title X funds were obligated by A.I.D.  
Total through 6/30/74: \$698,000

NON-REGIONAL: Office of Population, PHA  
Project Name: Training Films and Related  
Teaching Materials  
Project No. : 931-11-570-953  
Contract No.: csd-3304  
Contractor : Airlie Foundation  
Began : Fiscal Year 1971  
Estimated Termination Date: Fiscal Year 1974

**Description:**

The goal of this project is to produce three films and supportative teaching materials for use in supplementing normal academic methods of training A.I.D. and participant personnel in population at university levels; and to provide developing country trainers with audiovisual materials as prototypes and for direct use in their programs.

During FY 1973 the Airlie Foundation completed filming in 13 developing countries in connection with production of three teaching films and collateral materials. The Audio Visual Training "Packages", first of a planned series, concern evolution of national programs, family planning delivery systems, and population communication.

**Funding:**

FY 1973 - No Title X funds were obligated by A.I.D.  
FY 1974 - \$102,000 Title X funds were obligated by A.I.D.  
Total through 6/30/74 - \$496,000

NON-REGIONAL: Office of Population, PHA  
Project Name: Expansion of Population Program  
Communication  
Project No. : 931-11-570-958  
Contract No.: csd-3314  
Contractor : University of Chicago  
Began : Fiscal Year 1971  
Estimated Termination Date: Fiscal Year 1976

Description:

A grant was made to the University of Chicago to make it possible for that institution to expand its graduate training program in population communication. The study program, basically for training management planners, is conducted by the University's Community and Family Study Center. During 1972-73 academic year, 31 students from 14 countries were enrolled in the regular masters degree program in population communication. Four students advanced to the doctoral program and four were registered in short non-degree courses. By the summer of 1973 the program had graduated 13 students from 11 countries.

Funding:

FY 1973 - No Title X funds were obligated by A.I.D.  
FY 1974 - \$214,000 Title X funds were obligated by A.I.D.  
Total through 6/30/74 - \$704,000

NON-REGIONAL: Office of Population, PHA  
Project Name: Family Planning Support Through  
Home Economists  
Project No. : 931-11-580-980  
Contract No.: csd-3623  
Contractor : American Home Economics Association  
Began : Fiscal Year 1972  
Estimated Termination Date: Fiscal Year 1978

Description:

The American Home Economics Association (AHEA) under contract to A.I.D. is exploring the contribution home economists might make in population and family planning programs, through an International Family Planning Project. Its goal is to inform and involve home economists in active support of family planning programs in their countries. In FY 1973 this activity was continued. The program included country workshops and surveys on the home economists' role in population and family planning programs. Also discussed was the development of curriculum and materials to train home economists in family planning approaches.

Funding:

FY 1973 - \$150,000 Title X grant funds were obligated by A.I.D  
FY 1974 - \$390,000 Title X grant funds were obligated by A.I.D  
Total through 6/30/74: \$1,251,000

NON-REGIONAL: Office of Population, PHA  
Project Name: Inter-American Dialogue Center  
Project No. : 931-11-570-985  
Contract No.: ccd-3678  
Contractor : Airlie Foundation  
Began : Fiscal Year 1972  
Estimated Termination Date: Continuing

Description:

A grant has been made to the Airlie Foundation in Warrenton, Virginia to establish and develop a center which will organize and conduct information/education seminars on population growth matters.

Funding:

FY 1973 - No Title X funds were obligated by A.I.D.  
FY 1974 - \$1,177,000 Title X funds were obligated by A.I.D.  
Total through 6/30/74 - \$2,838,000

NON-REGIONAL: Population Service  
Project Name: Population Program Information System  
Project No. : 932-11-570-986  
Contract No.: csd-3711  
Contractor : National Institute for Community  
Development  
Began : Fiscal Year 1973  
Estimated Termination Date: Fiscal Year 1976

Description:

This project funds a contract with the National Institute for Community Development to develop and implement a computerized management reporting, forecasting and performance evaluation review system for the AID population program.

Funding:

FY 1973 - \$653,000 Title X funds were obligated by A.I.D.  
FY 1974 - No Title X funds were obligated by A.I.D.  
Total through 6/30/74 - \$653,000

NON-REGIONAL: Population Service, PHA  
Project Name: Institutional Grant  
Project No. : 931-11-570-101  
Contract No.: csd-1939  
Contractor : Johns Hopkins University  
Began : Fiscal Year 1968  
Estimated Termination Date: Fiscal Year 1974

Description:

A five-year grant was made under authority of Section 211(d) of the Foreign Assistance Act of 1966 to develop within Johns Hopkins University specialized competency in the population and family planning field and in international health. The University has strengthened its educational competence by expanding its teaching capacity, curriculum and opportunities for students' practical experience in international health, population dynamics, and family planning as related to the needs of the less developed countries. Further development of research competency in these fields is an integral part of this institution's program and is closely related to its objective of development of educational competence.

Funding:

FY 1973 - No grant funds were obligated by A.I.D.  
FY 1974 - \$150,000 grant funds were obligated by A.I.D.  
Total through 6/30/74 - \$1,950,000

See health projects, page 257.

NON-REGIONAL: Office of Population, PHA  
Project Name: Institutional Grant to University  
of North Carolina  
Project No. : 931-13-570-102  
Contract No.: csd-1940  
Contractor : University of North Carolina  
Began : June 19, 1968  
Estimated Termination Date: June 1973

Description:

A five-year grant was made under authority of Section 211(d) of Foreign Assistance Act of 1966 to develop the strongest possible multi-disciplinary competence for research, training and service in the population/family planning field through the Carolina Population Center and substantive departments of the University of North Carolina. The ultimate objective is to generate important new inputs of technical knowledge, create expert personnel and training capacity for A.I.D. personnel and foreign participants, and consultative support for A.I.D. in its international assistance efforts in population and family planning activities.

Funding:

FY 1973 - No grant funds were obligated by A.I.D.  
FY 1974 - No grant funds were obligated by A.I.D.  
Total through 6/30/74 - \$2,400,000

NON-REGIONAL: Population Service, PHA  
Project Name: Institutional Grant to University  
of Michigan  
Project No. : 932-11-570-110  
Contract No.: csd-2171  
Began : Fiscal Year 1965  
Estimated Termination Date: Fiscal Year 1975

Description:

A grant was made under authority of Section 211(d) of the Foreign Assistance Act of 1966 to develop within the University of Michigan specialized competency in population planning in developing nations. This grant has substantially increased the staff and other resources of the Center for Population Planning in the School of Public Health. The expanded program at the University is permitting additional resources for training A.I.D. personnel and foreign participants along with an increase in its potential to assist with research.

Funding:

FY 1973 - No grant funds were obligated by A.I.D.  
FY 1974 - No grant funds were obligated by A.I.D.  
Total through 6/30/74 - \$1,300,000

NON-REGIONAL: Office of Population, PHA  
Project Name: Advanced Technology Fertility Clinics  
Project No. : 932-11-580-604  
Contractor : University of Pittsburgh CM-pha-G-73-21  
Washington University CM-pha-G-73-22  
America University of Beirut CM-pha-G-73-23  
Johns Hopkins CM-pha-G-73-74  
Began : Fiscal Year 1973  
Estimated Termination Date: Fiscal Year 1977

Description:

Grants have been made by A.I.D. to develop centers to train physicians from the developing countries in the latest techniques of clinical fertility management, including pregnancy termination, sterilization and backstopping of physicians as they begin establishing advanced technology fertility clinics in their countries.

Funding:

FY 1973: \$ 479,660 to University of Pittsburgh  
841,000 to Washington University  
257,000 to American University of Beirut  
1,387,000 to Johns Hopkins University  
  
FY 1974: \$3,950,000 to Johns Hopkins University  
Total through 6/30/74: \$6,914,000

**NON-REGIONAL:** Office of Population, PHA  
**Project Name:** University Overseas Population Fellowship  
**Project No. :** 931-11-570-882, 893, 894  
**Contractors :** University of North Carolina, csd-2830  
                   Johns Hopkins, csd-2932, and  
                   University of Michigan, csd-2831  
**Began** : Fiscal Year 1970  
**Estimated Termination Date:** Fiscal Year 1978

**Description:**

On June 30, 1970, A.I.D./W signed four-year technical services contracts with three universities to launch a program of University Overseas Population Fellowships. The program should result in an increase in the quality and supply of trained manpower available to domestic, international and foreign organizations engaged in population activities. The universities negotiate with host institutions of the LDC's to arrange for the placement of qualified University Overseas Population Fellows (UOPF's). Candidates are selected from disciplines such as: anthropology, biostatistics, business administration, city and regional planning, environmental sciences and engineering, epidemiology, geography, health administration, health education, communications, maternal and child health, mental health, public administration, sociology and others.

During FY 1973, 41 interns were on the job in 21 countries. The interns were programmed to spend 413 man months for combined field study and service at institutions such as family planning centers, universities, Ministries of Health, and population research centers.

**Funding:**

Title X funds were obligated by A.I.D. as follows:

	<u>FY 1973</u>	<u>Total through 6/30/74</u>
University of North Carolina	\$451,000	\$1,390,000
University of Michigan		933,000
Johns Hopkins		990,000

NON-REGIONAL: Office of Population, PHA  
Project Name: Expansion of Harvard University  
Center for Population Studies  
Project No. : 931-11-570-891  
Contract No.: csd-3290  
Contractor : Harvard University  
Began : Fiscal Year 1971  
Estimated Termination Date: Fiscal Year 1976

**Description:**

The goal of this project is to help strengthen Harvard's population program and to develop an interdisciplinary program of population studies including such fields as: economics, social demography, and political science. It is expected that many leaders from the developing countries, including those studying at other institutions in the Boston area, will come to Harvard to participate in this program.

**Funding:**

FY 1973 - No Title X funds were obligated by A.I.D.  
FY 1974 - \$230,000 Title X funds were obligated by A.I.D.  
Total through 6/30/74: \$1,688,000

NON-REGIONAL: Office of Population, PHA  
Project Name: University Services Agreement  
Project No. : 931-11-570-916  
Contract No.: csd-2956  
Contractor : Johns Hopkins University  
Began : Fiscal Year 1971  
Estimated Termination Date: Fiscal Year 1978

Description:

A grant has been made to Johns Hopkins University to permit utilization of the University's competence for the performance of a broad range of research, training, consultative, institution building, and other technical services which A.I.D. may use for its population and family planning programs.

Funding:

FY 1973 - \$931,000 Title X funds were obligated by A.I.D.  
FY 1974 - \$450,000 Title X funds were obligated by A.I.D.  
Total through 6/30/74: \$2,271,000

NON-REGIONAL: Office of Population, PHA  
Project Name: Clinical Training of Nurse Midwives  
in Family Planning  
Project No. : 931-11-570-918  
Contract No.: csd-2940  
Contractor : State University of New York -  
Downstate Medical Center  
Began : Fiscal Year 1971  
Estimated Termination Date: Fiscal Year 1978

**Description:**

In order to increase the manpower resources available to provide family planning services in the developing countries, this project has the following goals: (1) to promote the acceptance of Nurse-Midwives in providing clinical family planning services; (2) to increase qualifications of Nurse-Midwives and Midwives in the developing country to provide family planning clinical services; and (3) to provide leadership in developing training courses in institutions abroad as well as instruction in New York.

Under this program postgraduate clinical training in family planning is given in Brooklyn to teams of senior professional nurse-midwives from developing countries. Since the inception of this program in April 1971, 64 midwives and nurses have been trained. In FY 1973 46 participants from 15 countries were in training. Training centers have been established in Thailand, Ghana, and Ecuador with advisory assistance of Downstate Medical Center Staff.

**Funding:**

FY 1973 - No Title X grant funds were obligated by A.I.D.  
FY 1974 - \$121,000 Title X grant funds were obligated by A.I.D.  
Total through 6/30/74: \$1,297,000

NON-REGIONAL: Office of Population, PHA  
Project Name: University Services Agreement  
Project No. : 931-11-570-923  
Contract No.: csd-3321  
Contractor : University of Michigan  
Began : Fiscal Year 1971  
Estimated Termination Date: Fiscal Year 1978

Description:

A grant has been made to the University of Michigan to direct its competence and capacity to the performance of a broad range of research, training, consultative, institution building, and other technical services of use to A.I.D. for its population and family planning programs.

Funding:

FY 1973 - \$315,000 Title X grant funds were obligated by A.I.D.  
FY 1974 - \$400,000 Title X grant funds were obligated by A.I.D.  
Total through 6/30/74: \$1,804,000

NON-REGIONAL: Office of Population, PHA  
Project Name: International Development of Qualified  
Social Work Manpower for Population/  
Family Planning Activities  
Project No. : 931-11-570-948  
Contract No.: csd-2971  
Contractor : International Association of Schools  
of Social Work, Inc.  
Began : Fiscal Year 1971  
Estimated Termination Date: Fiscal Year 1978

Description:

The purpose of this project is to improve field work, communication activities, and acceptance of family planning programs through the following goals:

- (1) Promote involvement of social workers in Population/  
Family Planning activities;
- (2) Increase the qualifications of social workers for service  
in Population/Family Planning at policy, community and service levels;
- (3) Institutionalize the preservice and refresher Population/  
Family Planning training of social workers; and
- (4) Develop the concept of preventative social work.

Under the program, the I.A.S.S.W. will institute pilot school agreements with up to 30 schools in Asia, Africa, and Latin America.

Funding:

FY 1973 - No Title X grant funds were obligated by A.I.D.  
FY 1974 - \$368,000 Title X grant funds were obligated by A.I.D.  
Total through 6/30/74: \$1,331,000

NON-REGIONAL: Office of Population, PHA  
Project Name: Institutional Development of  
Family Planning  
Project No. : 931-11-570-952  
Contract No.: csd-3310  
Contractor : University of Hawaii  
Began : Fiscal Year 1971  
Estimated Termination Date: Fiscal Year 1978

**Description:**

A grant has been made to the University of Hawaii to develop the School of Public Health into a comprehensive academic center for family planning training, research and other technical services.

**Funding:**

FY 1973 - \$444,000 Title X grant funds were obligated by A.I.D.  
FY 1974 - \$450,000 Title X grant funds were obligated by A.I.D.  
Total through 6/30/74 - \$1,668,000

NON-REGIONAL: Office of Population, PHA  
Project Name: University Services Agreement  
Project No. : 931-11-570-956  
Contract No.: csd-3325  
Contractor : University of North Carolina  
Began : Fiscal Year 1971  
Estimated Termination Date: Fiscal Year 1978

Description:

A grant has been made to the University of North Carolina to fund activities undertaken by the University designed to meet a broad range of needs in developing population and family planning programs. Research, training, institution building, and other technical services will be available to A.I.D. through the competence of the University.

This grant is enabling institution-to-institution relationships to be established on a collaborative arrangement through which an interchange of information, professional staff and students occurs. The objective is to strengthen the capacity of the institutions in the developing countries in order to provide services to the country's population/family planning program.

Funding:

FY 1973 - \$1,375,000 Title X grant funds were obligated by A.I.D.  
FY 1974 - \$ 530,000 Title X grant funds were obligated by A.I.D.  
Total through 6/30/74: \$4,133,000

NON-REGIONAL: Office of Population, PHA  
Project Name: Advanced Training to Develop a  
Leadership Cadre in Preventative  
Social Work  
Project No. : 931-11-570-959  
Contractor : University of Michigan  
Contract No.: csd-3313  
Began : Fiscal Year 1971  
Estimated Termination Date: Fiscal Year 1974

Description:

This project is designed to provide advanced population/family planning training for Social Work Educators and introduce the concept of family planning as a new approach to preventative social work in the developing countries. This project will provide support to the field efforts of the International Association of Schools of Social Work under project 931-11-570-948 previously described. The advanced program of study is especially tailored to requirements of specialists being developed in the pilot schools. Fellowships are included to finance advanced degree programs for faculty members selected from the pilot schools.

Funding:

FY 1973 - No Title X funds were obligated by A.I.D.  
FY 1974 - \$63,000 Title X funds were obligated by A.I.D.  
Total through 6/30/74 - \$538,000

NON-REGIONAL: Office of Population, PHA  
Project Name: Family Planning Orientation  
Project No. : 931-11-580-977  
Contract No.: csd-3621  
Contractor : Planned Parenthood Association of  
Washington, D. C.  
Began : Fiscal Year 1972  
Estimated Termination Date: Fiscal Year 1978

Description:

This project provides funds for a contract with the Planned Parenthood Association of Metropolitan Washington, D. C. to establish a family planning orientation and demonstration unit for the purpose of building their professional and service capabilities. This Washington based orientation project was developed to have a strategically located family planning organization available for both foreign visitors to acquaint them with U.S. domestic efforts in this field and also to provide an orientation resource for Americans traveling to the developing areas. During FY 1973 orientation on U.S. family planning was provided to 455 people. Of these, 345 were from developing countries and 110 were Americans involved in foreign travel.

Funding:

FY 1973 - \$19,000 Title X grant funds were obligated by A.I.D.  
FY 1974 - No Title X grant funds were obligated by A.I.D.  
Total through 6/30/74: \$210,000

NON-REGIONAL: Office of Population, PHA  
Project Name: Management of Population  
Institutional Development Programs  
Project No. : 931-11-570-967  
Contract No.: csd-3435  
Contractor : Population Council  
Began : Fiscal Year 1972  
Estimated Termination Date: Fiscal Year 1974

**Description:**

A grant has been made to the Population Council to help countries determine what institutional capacity is required to meet research and training needs for population programs. Planning and administrative assistance will be given to help develop firm plans for achieving this capacity with necessary advisory services and other resources as required.

**Funding:**

FY 1973 - No Title X funds were obligated by A.I.D.  
FY 1974 - No Title X funds were obligated by A.I.D.  
Total through 5/30/74 - \$859,000

NON-REGIONAL: Office of Population, PHA  
Project Name: Regional Advisory Services (Africa)  
Project No. : 932-15-570-438  
Began : Fiscal Year 1967  
Estimated Termination Date: Fiscal Year 1976

Description:

This project supports regional population advisors and consultants in the Africa Region covering such activities as demographic studies, curriculum development and research in African universities and training programs.

Funding:

FY 1973 - \$1,434,000 Title X funds were obligated by A.I.D.  
FY 1974 - \$1,196,000 Title X funds were obligated by A.I.D.  
Total through 6/30/74 - \$7,242,000

NON-REGIONAL: Office of Population, PHA  
Project Name: Medical Education-Association  
of American Medical Colleges  
Project No. : 931-11-540-212  
Contract No.: csd-2587  
Contractor : Association of American Medical  
Colleges  
Began : Fiscal Year 1971  
Estimated Termination Date: Fiscal Year 1974

**Description:**

This project supports a contract with the American Association of American Medical Colleges, which provides technical advice and information on matters relating to international medical education including training in family planning. See description under project 931-11-590-212 in Non-Regional Health Section.

**Funding:**

FY 1973 - \$27,000 Title X funds were obligated by A.I.D.\*  
FY 1974 - \$20,000 Title X funds were obligated by A.I.D.\*  
Total through 6/30/74: \$98,000 Title X funds

\*Additional FY 1973 funds were obligated under Health project,  
931-11-590-212, Page 247.

NON-REGIONAL: Office of Population, PHA  
Project Name: Family Health, Inc. Program Grant  
Project No. : 931-11-580-957  
Contract No.: csd-3311  
Contractor : Family Health, Inc.  
Began : Fiscal Year 1971  
Estimated Termination Date: Fiscal Year 1973

Description:

This was to have been a five-year grant to utilize the institutional capacity of the Grantee to assist collaborating institutions (five or more) in developing countries to conduct large-scale family planning delivery system prototypes. The objective was to use the experience and resources of the Foundation in developing countries.

The project was terminated in FY 1973 as a result of legal and financial difficulties encountered by the Grantee.

Funding:

FY 1973 - \$314,000 Title X funds were obligated by A.I.D.  
Total through 6/30/73: \$1,268,000

NON-REGIONAL: Office of Health, TAB  
Project Name: Health Manpower Development  
Project No. : 931-11-540-212  
Contract No.: AID-ta-C 1063  
Contractor : American Association of Medical Colleges  
Began : Fiscal Year 1974  
Estimated Termination Date: Fiscal Year 1974

Description:

The Division of International Medical Education of the Association of American Medical Colleges is undertaking for A.I.D. a survey of established community health training programs in schools of medicine, public health and related organizations in at least four selected developing countries. After completion of survey visits, recommendations will be developed for action by A.I.D., the developing country or by other donor organizations. The final report is scheduled for June 1974.

Funding:

FY 1973 - \$22,000 grant funds were obligated by A.I.D.  
          \$15,000 Title X funds were obligated by A.I.D.  
FY 1974 - \$40,000 grant funds were obligated by A.I.D.  
          \$20,000 Title X funds were obligated by A.I.D.  
Total through 6/30/74 - \$1,055,000

NON-REGIONAL: Office of Health, TAB  
Project Name: Institutional Development, Family  
Health, Inc.  
Project No. : 931-11-580-957  
Contract No.: csd-3311  
Contractor : Tulane University  
Began : Fiscal Year 1971  
Estimated Termination Date: Fiscal Year 1974

Description:

Through this project a grant has been made to Tulane University to assist collaborating institutions in selected less developed countries to conduct large-scale family planning delivery system prototypes as a means to develop, test, demonstrate and train for solutions to rapid population growth. The objective is to identify at least five collaborating institutions. Feasibility studies were completed on Brazil, Colombia, Mexico, and Paraguay with participation by collaborating institutions.

Funding:

FY 1973 - \$314,000 Title X funds were obligated by A.I.D.,  
FY 1974 - No funds were obligated by A.I.D.  
Total through 6/30/74 - \$1,268,000 Title X funds

**NON-REGIONAL:** Office of Health, TAB and  
Office of Population, PHA  
**Project Name:** Development and Evaluation of Integrated  
Delivery Systems for Health, Family  
Planning and Nutrition  
**Project No. :** 931-11-580-971  
**Contract No.:** csd-3423  
**Contractor :** American Public Health Association  
**Began :** Fiscal Year 1972  
**Estimated Termination Date:** Fiscal Year 1980

**Description:**

The purpose of this project is to develop and evaluate low cost integrated systems for better delivery of family planning, nutrition, and health services which permit receptive access to the large majority of target population groups such as women of reproductive age and children under five years of age. Pilot projects are to be developed in up to four countries, predominately in rural areas.

This project is designed to develop over the next several years some guidance for planning low cost delivery systems in LDCs. This project is designed for a target population of at least 500,000 in predominantly rural settings to discover innovative approaches to integrate the delivery systems for health, nutrition, and family planning.

In May 1972, a contract was signed with the American Public Health Association (APHA) to establish core staff, make site reconnaissance, select subcontractors and supervise field programs.

DEIDS is a three phase program generally planned to cover 7-10 years. Phase I includes a literature search and screening effort to select potential countries for the activity. Phase II includes planning the activity in association with national leadership, after careful study of existing health, family planning, and nutrition patterns within the potential sites, making the necessary intra-governmental agreements, and developing and proposing the modus operandi for conducting the activity. Phase II covers implementation of the project over a period of 5-8 years, depending on the country situation.

Phase I included African planning visits to Nigeria and Zaire. Phase II has been completed in Ecuador and Thailand. Phase III was initiated in Thailand in FY 1974 with the University of Hawaii under subcontract to provide advisory services. Phase III in Ecuador is expected to start in early FY 1975.

**Funding:**

FY 1973 - No grant funds were obligated by A.I.D.  
FY 1974 - \$1,775,000 Title X funds were obligated by A.I.D.  
          \$ 275,000 grant funds were obligated by A.I.D.  
Total through 6/30/74 - \$2,050,000

**NON-REGIONAL:** Office of Health, TAB and  
Office of Population, PHA  
**Project Name:** Analysis and Roles of Voluntary Health  
Agencies and Professional Associations  
**Project No. :** 931-11-590-890  
**Contract No.:** csd-2801  
**Contractor :** American Public Health Association  
**Began :** June 30, 1970  
**Estimated Termination Date:** June 30, 1974

**Description:**

The objectives of the project are to survey and report on present status of health professional associations and voluntary health agencies in A.I.D.-assisted LDC's; analyze the effectiveness of such organizations in supporting government-sponsored health, population, and nutrition programs in no less than three LDC's; identify methods for initiating, organizing, or strengthening such organizations to increase public support of health, population, and nutrition programs; and to submit at least two illustrative plans to A.I.D. wherein APHA, in cooperation with other appropriate organizations, can assist in the initiation or strengthening of programs within health professional associations and/or voluntary health agencies to mobilize public support for the government-supported health, population, and nutrition programs.

The three-year contract with APHA was signed on June 30, 1970. During the first year of the contract, a staff under Dr. Hugh Leavell was activated. Questionnaires were received from 36 voluntary health organizations. Two sites and organizations were selected and approved for demonstrating methods to strengthen voluntary health organization and professional associations.

**Funding:**

FY 1973 - \$72,000 Title X funds were obligated by A.I.D.  
Total through 6/30/74: \$223,000 (Title X)

Additional funds were obligated for this project under  
Health. See page

**NON-REGIONAL:** Office of Population, PHA  
**Project Name:** Teaching Community Medicine Including  
Family Planning and Public Health  
**Project No. :** 931-11-540-975  
**Contract No.:** csd-3613  
**Contractor :** Harvard University  
**Began :** Fiscal Year 1972  
**Estimated Termination Date:** Continuing

**Description:**

The objective of this project is to improve competence of teachers of community medicine and family planning in the less developed countries to improve public health and strengthen educational policy with respect to community medicine and family planning. A contract was signed with Harvard University on June 30, 1972, the end of the fiscal year. The contractor will be responsible for providing a project leader, research assistants, teaching fellows, consulting and visiting lecturers, books, journals, audiovisual materials and supplies. The first course was scheduled to begin in August 1972.

**Funding:**

FY 1973 - \$30,000 Title X funds were obligated by A.I.D.\*  
FY 1974 - \$30,000 Title X funds were obligated by A.I.D.  
Total through 6/30/74 - \$82,000 Title X funds

\*In addition grant funds were obligated under Health Project 931-11-540-975. See page 248.

**NON-REGIONAL:** Office of International Training  
**Project Name:** Training Program for Measurement of  
Population Change: Evaluation of  
Family Planning Programs, Vital  
Statistics and Sample Registration  
Surveys  
**Project No. :** 926-11-570-038  
**Contractor :** HEW/NCHS  
**PASA No. :** IT-1-68  
**Began :** Fiscal Year 1965  
**Estimated Termination Date:** Fiscal Year 1975

**Description:**

Through a PASA, the National Center for Health Statistics, PHS has developed and is administering for A.I.D. a training program in vital statistics and measurement of population change for personnel of developing countries. The 7-12 month program includes applied and academic training. Its chief objectives are: (1) to broaden the skills of statisticians in countries where vital statistics and other measures of population growth are lacking or insufficient in order to obtain data needed in development planning and operations in family planning program evaluation, and in activities of Ministries of Public Health, and (2) to provide a thorough grounding in efficient birth and death registration methods and procedures.

The training sequence extends over a 7-12 month period and may be a degree or non-degree program. The segment conducted at NCHS focuses on the operational and applied aspects of the program. This enables the participants to understand the role of the government in the collection and analysis of data. This segment of the program and the academic portion at the University of North Carolina or the University of Chicago, are supplemented by field study in state and local health departments in other parts of the United States. In FY 1974, 18 participants from 10 countries were enrolled in the Training program. Countries represented included the following:

Afghanistan	Korea	Philippines
Cyprus	Khmer Republic	Sierre Leone
India	Lesotho	Turkey
	Nepal	Vietnam

**Funding:**

FY 1973 - \$73,000 Title X funds were obligated by A.I.D.  
FY 1974 - \$100,000 Title X funds were obligated by A.I.D.  
Total through 6/3/74: \$457,000

NON-REGIONAL: Office of International Training  
Project Name: Family Planning Seminars and  
Facilities  
Project No. : 926-11-580-045  
Contract No.: csd-3421, 3674, CM/otr-C-73-20  
Contractors : Planned Parenthood of Chicago,  
University of Connecticut,  
National Association of Foreign Student  
Advisors  
Began : April 1970  
Estimated Termination Date: Fiscal Year 1975

**Description:**

This project provides for specially tailored training programs each geared to meet training requirements of professionals in the population and family planning fields.

The following activities were funded under this project:

- a) 75 students were trained through Planned Parenthood of Chicago which provides management and operational expertise in all areas of family planning, including administration, personnel management, volunteer workers and community relations.
- b) The University of Connecticut provides 11-15 week courses for training of trainers. During FY 1973, two courses were held, attended by 31 participants from 10 countries.
- c) Worldwide Training Program provides training opportunities at the request of the field or AID/Washington for participants from countries where there are no AID missions. During FY 1973, 67 participants from 19 countries came to the U.S. for training through the use of this fund.
- d) National Association of Foreign Student Advisors - The purpose of this contract is to establish a national program of population awareness for foreign students in the U.S.

**Funding:**

FY 1973 - \$416,000 Title X funds were obligated by A.I.D.  
FY 1974 - \$531,000 Title X funds were obligated by A.I.D.  
Total through 6/30/74 - \$1,355,000

NON-REGIONAL: Office of International Training  
Project Name: Population and Family Planning in  
Puerto Rico  
Project No. : 926-11-580-051  
Contractor : University of Puerto Rico  
Contract No.: 1a-403  
Began : Fiscal Year 1972  
Estimated Termination Date: Fiscal Year 1973

Description:

A Task Order was signed under an existing contract with the University of Puerto Rico to conduct three-day seminars to provide an awareness of population growth in relation to economic development for participants receiving training in Puerto Rico.

Funding:

FY 1973 - \$1,000 Title X funds were obligated by A.I.D.  
FY 1974 - No Title X funds were obligated by A.I.D.  
Total through 6/30/74 - \$18,000

NON-REGIONAL: Office of Population, PHA  
Project Name: A.I.D./W. - Miscellaneous  
Began : Fiscal Year 1968  
Estimated Termination Date: Undetermined

Description:

The funds obligated for this project are utilized for miscellaneous A.I.D. in-house training programs and administrative costs in connection with population services.

Funding:

FY 1973 - \$ 4,725,000 Title X funds were obligated by A.I.D.  
FY 1974 - \$12,300,000 Title X funds were obligated by A.I.D.  
Total through 6/30/74 - \$248,000,000

NON-REGIONAL: Office of Population, PHA  
Project Name: United Nations Fund for Population  
Activities  
Began : Fiscal Year 1968  
Estimated Termination Date: Undetermined

Description:

The purpose of this grant to the Fund for Population Activities (UNFPA) United Nations is to enable the U.N. to develop programs and projects in population and family planning.

The UNFPA supports projects proposed by governments, specialized agencies and other bodies of the U.N. Comprehensive country programs covering a wide range of activities are now functioning in ten countries. These include Malaysia, Sri Lank, Chile, Egypt, Indonesia, Iran, Mauritius, Pakistan, the Philippines, and Thailand. UNFPA field coordinators are being appointed to the staffs of UNDP resident representatives to help facilitate programs in the field.

Funding:

FY 1973 - \$9,000,000 Title X funds were obligated by A.I.D.  
FY 1974 - \$18,000,000 Title X funds were obligated by A.I.D.  
Total through 6/30/74: \$79,000,000



NUTRITION PROJECTS  
NON-REGIONAL  
FY 1973 - FY 1974

<u>Project Number</u>	<u>Title</u>	<u>Contractor PASA No.</u>	<u>FY 1973 Funds</u>	<u>FY 1974 Funds</u>
<u>KPA #8 Low Cost Nutritious Foods</u>				
931-11-560-831	Food and Nutrition Technical Services	USDA/ERS TA(AJ) 1-69	168,000	600,000
931-17-560-459	Clinical Evaluation of New Protein Sources (R)	Brit.-Amer. Hospital, Lima csd-2946	56,000	83,000
931-17-560-481	Improving Nutrition Value of Cereal Based Foods (R)	Kansas State U. csd-1586	98,000	232,000
931-17-560-482	Development of Infant and Pre-School Food (R)	U. of Rhode Island csd-3646	81,000	---
931-17-560-492	Improvement of Rice by Fortification with Synthetic Amino Acids (R)	Harvard U. csd-3291	111,000	110,000
931-17-560-519	Calorie Intake and Protein Utilization (R)	M.I.T. csd-2808	45,000	---
931-17-560-522	Coconut Protein Product for Use in Foods (R)	Texas A&M csd-2804	165,000	105,000
931-17-560-544	Corn Fortification, Field Model (R)	INCAP csd-3357	84,000	105,000

<u>Project Number</u>	<u>Title</u>	<u>Contractor PASA No.</u>	<u>FY 1973 Funds</u>	<u>FY 1974 Funds</u>
<u>KPA #9 Reaching the Pre-School Child</u>				
931-11-999-004	Maternal and Child Health (RSSA)	HEW/CHS 12-74	---	68,000
931-11-560-023	Nutrition Programming Capability for Vol. Agencies	(Amer. Council for Vol. Agencies)	---	108,000
931-11-560-045	Development of Vitamin A Delivery Systems			40,000
931-11-560-530	Maternal Nutrition and Progeny	Johns Hopkins csd-2944	58,000	---
931-17-560-550	Effects of Environmental Enrichment on Development of Malnourished Children	Colombia Univ. csd-3679	9,000	5,000
931-11-560-879	Evaluation of Supplementary Child Feeding Programs	Cheechi & Co. CM/otr-c-73-199	75,000	115,000
<u>KPA #10 Nutrition Planning and Motivation</u>				
931-11-560-160	Nutrition and National Planning (211 D)	M.I.T.	---	685,000
931-17-560-529	Malnutrition Effect on Work Capacity (R)	Med. Coll. of Wisconsin csd-2943	59,000	67,000
931-11-560-571	Extension of Methods Incorporating Nutrition into Planning		22,000	---
931-11-560-799	Scientific and Technical Support	L.I.F.E. TA-C-1071 Nat'l Academy of Science csd-2570	94,000	136,000

<u>Project Number</u>	<u>Title</u>	<u>Contractor PASA No.</u>	<u>FY 1973 Funds</u>	<u>FY 1974 Funds</u>
931-11-560-838	Guidelines Pre-School Interventions	Resource Dev. Associates AID/ta-C-1129	---	280,000
931-11-560-846	Incentive Grants		---	---
931-11-560-872	Evaluation of Nutrition Education	Synectics Corp. csd-3358 U. of Iowa csd-2586	---	46,000
931-11-560-885	Analyses and National Planning	Amer. Tech. Assist. Corp, AID/CN/TA C-73-44, AID/CM/OTR 73-1198	124,000	560,000
931-11-999-987	Other Worldwide Technical Assistance and Research		45,000	92,000
931-11-560-993	New Approaches - Mass Media	Manoff Assoc. AID 518-345T, AID/ta C-1133	28,000	175,000
931-11-560-568	Community Nutrition Intervention	Univ. del Valle Cali, Colombia	---	206,000

NON-REGIONAL: Office of Nutrition, TAB  
Project Name: Food and Nutrition Technical Services  
Project No. : 931-11-560-831\*  
PASA No. : TA(AJ) 1-69  
Contractor : USDA/ERS  
Began : Fiscal Year 1969  
Estimated Termination Date: Fiscal Year 1974

Description:

The purpose of this project is to make available to A.I.D. specialized consultant services in applying food technology techniques to the problem of malnutrition through development of A.I.D. programs designed to increase the availability in LDCs of inexpensive foods of increased nutritional content, especially protein. A PASA with the U.S. Department of Agriculture provides expertise for program and project development, technical review and monitoring, conferences and analysis. This is done through the Nutrition and Agri-business Group, which has conducted activities to fortify wheat, rice, corn; to develop weaning foods and beverages, and to increase nutrient contents of food consumed by low income groups.

Pilot fortification programs are in progress in Guatemala, Thailand, and Tunisia. Assistance was given to Pakistan and recommendations to promote tea and atta fortification became part of their project.

Whey Soy Drink Mix (WSDM) was developed and introduced into the Title II food distribution program to use as a supplement in feeding for pre-school children.

A low-cost extrusion cooker for use in LDCs was evaluated in its use for extrusion-cooked foods especially grain products which appear to have potential on low-cost nutritionally improved foods and food ingredients in leavened bread, infant and weaning foods, blended food mixtures.

Funding:

FY 1973 - \$168,000 grant funds were obligated by A.I.D.  
FY 1974 - \$600,000 grant funds were obligated by A.I.D.  
Total through 6/30/74: \$1,189,000

\*included 931-11-560-911 and 931-11-560-963 funded in prior years.

NON-REGIONAL: Office of Nutrition, TAB  
Project Name: Clinical Evaluation of New Protein  
Sources for the Prevention of Malnutrition  
Project No. : 931-17-560-459  
Contract No.: csd-2946  
Contractor : Institute of Nutrition Research, British  
American Hospital, Lima, Peru  
Began : June 27, 1966  
Estimated Termination Date: Fiscal Year 1975

Description:

This project, which was initiated in 1966, finances a study to evaluate high-protein foodstuffs and concentrates in terms of their effectiveness in supplying protein requirements of malnourished infants and children. Results will provide a resource whereby foodstuffs developed for and/or submitted to A.I.D. can be tested critically prior to wide scale use in government or commercial child feeding activities.

A protocol for evaluating new protein sources in clinical studies has been established. Approximately 30 products have been evaluated, including food for peace commodities such as CSM and WSB. Criteria for biochemical and clinical determinations of nutritional status, particularly in young children have been established.

Results of the studies have been made available to UNICEF and were of assistance in formulating emergency feeding programs in Biafra. Results have been made available also to General Foods Corporation, U.S. Mead Johnson Company, Beach Nut (Inc.), the Miles Laboratories and Hoffman LaRoche which are doing further research in the development of inexpensive sources of protein.

In addition, the activities of this research project have been expanded to include the evaluation of flours prepared from new breeds of high protein wheats that were developed at the University of Nebraska under a project contract with A.I.D. (TA/AGR).

Funding:

FY 1973 - \$56,000 grant funds were obligated by A.I.D.  
FY 1974 - \$83,000 grant funds were obligated by A.I.D.  
Total through 6/30/74: \$577,000

NON-REGIONAL: Office of Nutrition, TAB  
Project Name: Improving the Nutritive Value of  
Cereal-based Foods  
Project No. : 931-17-560-481  
Contract No.: csd-1586  
Contractor : Kansas State University  
Began : June 30, 1967  
Estimated Termination Date: December 31, 1974

Description:

The purpose of the research to be carried out under this project is to improve the nutritional value of wheat-based food by supplementation and process modification. This is to be achieved without decreasing the food acceptability to the consumer public in two food deficit areas of the world. The work will investigate the processing and preparative techniques involved in making chappaties and rote (Pakistan), and cous-cous (North Africa), and will determine and measure quality criteria and develop quality parameters. The work will be done by incorporating known nutrition supplements and by determining how milling and other processes may be modified to maximize the recovery and use of nutritionally valuable constituents of wheat that would otherwise be used only for feed.

The supplementation studies are being carried out in three phases: a survey phase at Kansas State University and in Pakistan and Morocco; an experimental phase at Kansas State University involving formulations and processing techniques; and a field testing phase involving acceptability testing also in Pakistan and North Africa.

A thorough survey has been made of grain products and legumes which are available in Morocco and Pakistan. Through experimentation a process has been developed for preparing high protein flour from oil-seeds and pulses. Up to 15% of these flours have been incorporated into "breads" without change in quality and acceptability. A specific FDA approved dough conditioner has made this possible. A program has been developed for initiating field tests in Morocco of acceptability of Arab bread supplemented with chick peas. Limited field testing of fortified chappatis and rote is underway in Pakistan.

Funding:

FY 1973 - \$ 98,000 grant funds were obligated by A.I.D.  
FY 1974 - \$232,000 grant funds were obligated by A.I.D.  
Total through 6/30/74: \$1,169,000

NON-REGIONAL: Office of Nutrition, TAB  
Project Name: Development of Infant and Preschool Food  
Project No. : 931-17-560-482  
Contract No.: csd-3646  
Contractor : University of Rhode Island  
Began : Fiscal Year 1972  
Estimated Termination Date: December 31, 1974

Description:

The purpose of this project is to improve the acceptability of proteins from indigenous legumes by the development of processing techniques suitable at both rural and urban facilities for the preparation of food, including infant and pre-school foods.

Funding:

FY 1973 - \$81,000 grant funds were obligated by A.I.D.  
FY 1974 - No grant funds were obligated by A.I.D.  
Total through 6/30/73: \$331,000

NON-REGIONAL: Office of Nutrition, TAB  
Project Name: Nutritional Improvement of Rice by  
Fortification  
Project No. : 931-17-560-492  
Contract No.: csd-3291  
Contractor : Harvard School of Public Health  
Began : June 30, 1968  
Estimated Termination Date: June 30, 1975

Description:

The objective of the project is to evaluate the quantitative and qualitative effect on growth and health status of infants and young children who are fed rice which has been fortified with the limiting amino acids, lysine and threonine. In addition, vitamin A and iron are being studied. The research, is being carried out by the Harvard School of Public Health and includes a survey, animal feeding trials, institutional field demonstration and eventually practical introduction through a study of marketing patterns to introduce fortification into the usual commercial channels.

Phase I was to survey in Thailand (a) the marketing and distribution of rice, (b) the kind of fortification which would reach the most people, (c) the food habits of village populations. Phase II involved studies with weanling rats to measure their response to varying amounts of lysine and threonine in the diet. Phase III involves feeding trials with pre-school children in village Day Care Centers.

The survey Phase and preliminary animal feeding studies are completed. A fortified artificial rice grain was developed for the project by the Ajinomoto Co. of Japan. Also, a low-cost rice feeder for adding the fortified grains to rice grains was developed. Studies have shown that less than 5% of the added nutrients are lost during cooking. Studies to evaluate use of fortified rice granules are being conducted in 25 villages. About 70 pre-school children are enrolled in the program in each village. The initial survey indicated "Rice Fortified Grains" (RFG) would prove acceptable to the villages. Each village is limited to one mill for milling its rice. Feeders for adding RFG were designed and constructed for each mill and have proved satisfactory. In each village a Day Care Center serves as the operational base for the project.

Funding:

FY 1973 - \$111,000 grant funds were obligated by A.I.D.  
FY 1974 - \$110,000 grant funds were obligated by A.I.D.  
Total through 6/30/74: \$576,000

NON-REGIONAL: Office of Nutrition, TAB  
Project Name: Relation of Dietary Intake to Protein  
Utilization in Man  
Project No. : 931-17-560-519  
Contract No.: csd-2808  
Contractor : Massachusetts Institute of Technology  
Began : Fiscal Year 1970  
Estimated Termination Date: Fiscal Year 1974

Description:

The objective of this project was to better understand the relationship between dietary caloric intake and protein utilization in man. This study should provide the answers to how well protein is utilized when dietary calories are low.

The project was divided into three sub-studies. Part I studied the effect on nitrogen utilization of adding lysine to a low protein diet when ingested calories are low. Part II studied the quantitative relationship between restricted calorie intake and the utilization of dietary protein. Part III studied the effect on nitrogen utilization of giving a protein supplement at different times of the day when calorie intake is limiting.

Results suggested that protein can be utilized as "protein" even when calories are inadequate. In addition, proper utilization of protein is not impaired when protein supplement is given at one time of day and bulk of calories are given several hours later.

Funding:

FY 1973 - \$45,000 grant funds were obligated by A.I.D.  
FY 1974 - No grant funds were obligated by A.I.D.  
Total through 6/30/74 - \$335,000

NON-REGIONAL: Office of Nutrition, TAB  
Project Name: Coconut Protein Products for Use in Foods  
Project No. : 931-17-560-522  
Contract No.: csd-2804  
Contractor : Texas A&M Research Foundation  
Began : March 1970  
Estimated Termination Date: December 31, 1972

Description:

Alternate processes for the production of coconut protein will be examined. The ultimate objective is the development of a commercially feasible process that will yield coconut protein (hitherto used mainly for animal feed or fertilizer) fit for human consumption.

Based on a preliminary study funded by A.I.D., three processes have been selected for investigation. All three processes involve recovery of protein from oil-free coconut meat. The oil-free meat being obtained (a) by pressing the coconut oil from the meat, (b) by solvent extraction, or (c) by slurring the disintegrated meat with water, centrifuging off the oil and regenerating the protein by pH adjustment.

The technical and economic feasibility of the three processes will be determined. The food use potential of the protein products produced by each process will be investigated.

A senior scientist and four scientific trainees have been recruited from the Philippines. A second trainee from Thailand was to join the Texas A&M group. Laboratory scale evaluation of three processes have been completed. A decision has been made that the major effort will be concentrated on the water extraction process. A major breakthrough in methodology makes this process technically feasible.

Funding:

FY 1973 - \$165,000 grant funds were obligated by A.I.D.  
FY 1974 - \$105,000 grant funds were obligated by A.I.D.  
Total through 6/30/74: \$600,000

NON-REGIONAL: Office of Nutrition, TAB  
Project Name: Corn Fortification  
Project No. : 931-17-560-544  
Contract No.: csd-3357  
Contractor : INCAP (Institute of Nutrition of C.A.  
and Panama)  
Began : Fiscal Year 1972  
Estimated Termination Date: Fiscal Year 1976

Description:

The purpose of this project is to determine in a field study whether fortifying corn with 0.1% lysine and 8% soy flower (50% protein), vitamins and minerals at the village level is a feasible procedure for improving nutrition of corn-eating rural people.

A pilot project established that a feasibility study could be conducted. The method for incorporating fortificant has been established and the nature and amount of fortificants to be added has been determined. A control village has been added to the project with a nurse and small health center established.

Funding:

FY 1973 - \$ 84,000 grant funds were obligated by A.I.D.  
FY 1974 - \$105,000 grant funds were obligated by A.I.D.  
Total through 6/30/74 - \$418,000

NON-REGIONAL: Office of Nutrition, TAB  
Project Name: Maternal and Child Health Services  
Project No. : 931-11-999-004  
RSSA No. : HEW/CHS 12-74  
Began : Under General AID/DHEW Agreement, March 3, 1966  
Estimated Termination Date: Fiscal Year 1976

Description:

The purpose of this project, implemented through a RSSA with DHEW, is to secure technical expertise in nutrition education and child health. Advice and guidance is provided in nutrition education either in specific projects or in projects solely concerned with nutrition education and child health. Evaluation is made of existing materials and nutrition education and informational materials are developed as requested. Review and advice to Regional Bureaus, USAIDs, the Voluntary Agencies, and LDCs is given on the nutrition factor in agency-wide programs.

Funding:

FY 1974 - \$68,000 grant funds were obligated by A.I.D.\*

\*Prior year funding was included in the general Technical Support agreement between DHEW and AID.

NON-REGIONAL: Office of Nutrition, TAB  
Project Name: Nutrition Programming Capabilities for Volags  
Project No. : 931-11-560-023  
Began : Fiscal Year 1974  
Estimated Termination Date: Fiscal Year 1976

Description:

This project is to assist the U.S. registered voluntary agencies and their local counterparts to develop, broaden and upgrade their capabilities in nutrition planning programming and project implementation and thus increase the world-wide efforts to overcome the widespread malnutrition existing in the LDC's. This will be done a) by providing training courses in nutrition planning in the U.S. for senior U.S. and counterpart agency officials and b) by making grants available to the U.S. voluntary agencies to conduct nutrition courses/workshops on a regional or country basis for middle and lower level professional staff in the LDC's.

In Fiscal Year 1974 a four week course in Nutrition Planning was held at M.I.T. for 15 key policy level staff of the U.S. voluntary agencies and their local counterparts. Grants were given to two large U.S. voluntary agencies to conduct two week regional workshops in nutrition planning.

Funding:

FY 1974 - \$108,000 grant funds were obligated by A.I.D.  
Total through 6/30/74: \$108,000

NON-REGIONAL: Office of Nutrition, TAB  
Project Name: Development of Vitamin A Delivery Systems  
Project No. : 931-11-560-045  
Began : Fiscal Year 1974  
Estimated Termination Date: Fiscal Year 1979

Description:

The purpose of this project is to assist developing countries in (a) analyzing the extent of Vitamin A deficiencies, (b) adapting and/or developing technologies for overcoming Vitamin A deficiency, (c) adapting and/or developing delivery systems for reaching the target group and (d) implementing programs for alleviating Vitamin A deficiency.

During the pre-project phase, a three volume vitamin A "state-of-the-art" review was prepared. A meeting of a "vitamin" group was held and guidelines for future programs were established. A conference under joint sponsorship of WHO/AID was scheduled for Djakarta, Indonesia in November 1974.

Funding:

FY 1974 - \$40,000 grant funds were obligated by A.I.D.  
Total through 6/30/74 - \$40,000

NON-REGIONAL: Office of Nutrition, TAB  
Project Name: Maternal Nutrition and Progeny  
Project No. : 931-11-560-530  
Contract No.: csd-2944  
Contractor : Johns Hopkins University  
Began : Fiscal Year 1971  
Estimated Termination Date: Fiscal Year 1975

Description:

The purpose of this project is to determine the effect of improving protein intake of pregnant women during gestation and lactation on physical and mental development, morbidity, and efficiency of food utilization of offspring. Studies are being conducted in 14 villages in Taiwan. It is a continuation of an earlier study started in January 1967 and jointly funded by the Navy, Johns Hopkins University and the Rockefeller Foundation.

Funding:

FY 1973 - \$58,000 grant funds were obligated by A.I.D.  
FY 1974 - No grant funds were obligated by A.I.D.  
Total through 6/30/74 - \$160,000

NON-REGIONAL: Office of Nutrition, TAB  
Project Name: Effects of Environmental Enrichment on  
Development of Malnourished Children  
Project No. : 931-17-560-550  
Contract No.: csd-3679  
Contractor : Columbia University  
Began : Fiscal Year 1972  
Estimated Termination Date: Fiscal Year 1975

Description:

The purpose of this project is to compare mental and physical development of three groups of children: a) severely malnourished Korean children who were adopted, b) normal Korean children who were adopted, c) western siblings of the above adopted children from their adopting families to indicate whether severely malnourished children could recover normal growth and development if placed at an early age into an enriched environment.

Funding:

FY 1973 - \$9,000 grant funds were obligated by A.I.D.  
FY 1974 - \$5,000 grant funds were obligated by A.I.D.  
Total through 6/30/74: \$24,000

NON-REGIONAL: Office of Nutrition, TAB  
Project Name: Evaluation: Supplementary Child Feeding  
Programs  
Project No. : 931-11-560-879  
Contract No.: AID/CM/otr-C-73-199  
Contractor : Cheechi and Company  
Began : Fiscal Year 1970  
Estimated Termination Date: Fiscal Year 1975

Description:

This project is designed to develop a standard methodology for evaluation of child feeding programs. The evaluation techniques, which are applicable to both school and pre-school feeding, will not only allow evaluators to determine the programs effectiveness, but will also provide information on factors in site characteristics and program design which influence effectiveness. The methodology should be useful to governments, voluntary agencies, and others engaged in planning and implementing child feeding programs.

The application of this standard evaluation methodology by program sponsors to varying child feeding programs throughout the world, will eventually produce a large data base and increased understanding of how feeding programs work.

The project is being carried out in several phases. First, available reports and literature were reviewed. A research methodology was then prepared and field tested at selected sites in three countries, (Colombia, Kenya, and the Philippines). An interim report on these tests has been prepared and circulated to experts and interested parties for review and comment. The methodology will now be refined and field tested in a fourth country with project completion and a final report scheduled for May 1975.

Funding:

FY 1973 - \$75,000 grant funds were obligated by A.I.D.  
FY 1974 - \$115,000 grant funds were obligated by A.I.D.  
Total through 6/30/74: \$376,000

NON-REGIONAL: Office of Nutrition, TAB  
Project Name: Nutrition and National Planning (211 D)  
Project No. : 931-11-560-160  
Contractor : MIT  
Began : Fiscal Year 1973  
Estimated Termination Date: Fiscal Year 1979

**Description:**

The purpose of this grant is to meet a developing need for U.S. universities to provide a capacity to train, conduct research and offer technical assistance in the field of nutrition and national planning.

**Funding:**

FY 1973 - No grant funds were obligated by A.I.D.  
FY 1974 - \$685,000 grant funds were obligated by A.I.D.  
Total through 6/30/74 - \$685,000

NON-REGIONAL: Office of Nutrition, TAB  
Project Name: Clinical and Subclinical Malnutrition  
Project No. : 931-17-560-529  
Contract No.: csd-2943  
Contractor : Medical College of Wisconsin  
Began : Fiscal Year 1971  
Estimated Termination Date: Fiscal Year 1970

Description:

The purpose of this project is to determine the effect of chronic severe, and subclinical malnutrition on the work capacity of individuals. The Contractor, in conjunction with Universidad del Valle in Cali, Colombia, will set up a work capacity evaluation facility. Laboratory facilities of the Contractor and metabolic ward facilities at Universidad del Valle will be utilized for the study. During the first year of project implementation, a Colombian investigator has been trained in making capacity measurements. Laboratory exercise equipment was installed in Universidad del Valle laboratory. Preliminary findings suggest that under nutrition prevalent in depressed rural environments affected the physical work capacity of the subjects when labor includes hard physical labor.

Funding:

FY 1973 - \$59,000 grant funds were obligated by A.I.D.  
FY 1974 - \$67,000 grant funds were obligated by A.I.D.  
Total through 6/30/74: \$196,000

NON-REGIONAL: Office of Nutrition  
Project Name: Extension of Methods Incorporation  
Nutrition into Planning  
Project No. : 931-17-560-571  
Contract No.: AID/TA-C-1082  
Contractor : Community Systems Foundation  
Began : Fiscal Year 1973  
Estimated Termination Date: Fiscal Year 1975

Description:

The purpose of this project was to encourage consideration of nutritional factors in national health planning systems. Through a contract with Community Systems Foundation of Ann Arbor, Michigan, consultants were sent to Zaire to assist in this effort through seminars and conferences. In Bolivia, a personal services contractor, Dean Wilson, assisted in the preliminary work on the health sector assessment being undertaken with A.I.D. assistance.

Funding:

FY 1973 - \$22,000 grant funds were obligated by A.I.D.  
FY 1974 - No grant funds were obligated by A.I.D.  
Total through 6/30/74 - \$22,000

NON-REGIONAL: Office of Nutrition, TAB  
Project Name: Scientific and Technical Support  
Project No. : 931-11-560-799  
Contract No.: ta-C-1071 (formerly csd 1915) and csd-2570  
Contractor : L.I.F.E. and National Academy of Science  
Began : June 12, 1968 and November 1967  
Estimated Termination Date: Fiscal Year 1976

Description:

Under this project A.I.D. finances the League for International Food Education (L.I.F.E.), a consortium of scientific societies composed of: the American Association of Cereal Chemists, the American Chemical Society, the Institute of Food Technologists, and the Volunteers of International Technical Assistance, American Institute of Chemical Engineers, and American Society of Agronomists. L.I.F.E. provides technical advice and information on nutrition and food science, technology; food marketing; nutrition aspects of public health; clinical evaluation and related areas. It assists in recruiting experts for special assignments, and stimulates the interchange of ideas, information, and program experiences. The services of the consortium are available to USAIDs, to local governments, voluntary agencies, the Peace Corps, and international organization.

By contract under this activity, the International Committee of the Food and Nutrition Board, National Academy of Sciences, is involved in augmenting the quality and character of the scientific and technical advice available to the Office of Nutrition and the Agency. It assists with policy statements of position papers on relationship of infections to nutrition; nutrition to brain development and behavior; relationship of nutrition to human fertility; lactose intolerance; quick nutrition survey methodologies; malabsorption; and on protein/caloric ratio.

Funding:

FY 1973 - \$ 94,000 grant funds were obligated by A.I.D.  
FY 1974 - \$136,000 grant funds were obligated by A.I.D.  
Total through 6/30/74: \$424,000

NON-REGIONAL: Office of Nutrition, TAB  
Project Name: Guidelines for Pre-school Interventions  
Project No. : 931-11-560-838  
Contract No.: AID/ta-C-1129  
Contractor : Resources Development Associates  
Began : June 1974  
Estimated Termination Date: June 1976

Description:

This project will produce a guidelines manual describing the relative costs of six different types of nutrition intervention and their effectiveness in improving the nutritional status of the pre-school child. The completed manual will provide the LDC planner who wants to select the most appropriate program to meet the nutrition needs of pre-school children, with a compilation of experience to date in the six intervention types, as well as information on their effectiveness in various settings and the inputs required to carry out such programs.

The manual will consist of six chapters describing: Supplemental feeding programs; combined feeding, health care, and/or nutrition education programs; Food fortification programs; commercial production of nutritious foods; Nutrition education programs; and Agriculture programs such as production of high lysine corn. Each chapter will have two sections. The first will provide a description of the intervention type and a general picture of the costs and effectiveness. The second section will be a detailed case study of a program representing the type.

No new evaluations will be conducted under this project; effectiveness data will be drawn from existing evaluations.

Funding:

FY 1974 - \$280,000 grant funds were obligated by A.I.D.  
Total through 6/30/74 - \$280,000

NON-REGIONAL: Office of Nutrition, TAB  
Project Name: Incentive Grants  
Project No. : 931-11-560-846  
Began : June 1969  
Estimated Termination Date: Fiscal Year 1973

Description:

Small one-time grants were provided to encourage U.S. voluntary agency efforts to improve nutrition in the lesser developed countries, primarily through nutrition education and improved methods of child feeding. The purpose was twofold: (1) to stimulate voluntary agencies to expand, strengthen and make more effective activities in the broad field of nutrition; and (2) to demonstrate, where possible, in cooperation with local officials, the importance of basic nutrition to encourage governments to put greater emphasis on such efforts.

Evaluation of this activity as a whole shows that the objectives of the program have been fully realized. The opportunity for experience in testing a wide variety of innovative approaches (30 grants in 20 LDCs) has been a real factor in stimulating agencies to broaden and strengthen their activities in nutrition. In many cases governments were encouraged by these demonstrations to put greater emphasis on such efforts and to adopt and expand upon the approaches use.

Funding:

FY 1973 - No grant funds were obligated by A.I.D.  
Total through 6/30/74: \$579,000

Program Terminated

NON-REGIONAL: Office of Nutrition, TAB  
Project Name: Evaluation of Nutrition Education  
Project No. : 931-11-560-872  
Contract No.: (1) csd-2586 (2) csd-3358  
Contractor : (1) University of Iowa (2) Synectics Corp.  
Began : (1) May 1970 (2) May 1972  
Estimated Termination Date: (1) Fiscal Year 1971  
(2) Fiscal Year 1976

Description:

The project is concerned with the evaluation of the effectiveness of nutrition education in improving food behavior of LDC families. The objective is a) to develop a methodology to evaluate nutrition education programs and to determine cost effective educational methods for improving food behavior of LDC families, and b) to evaluate the effectiveness of the growth chart as an educational tool in motivating parents to make behavioral changes resulting in improved health experience apparent in the child.

Although emphasis is being given to nutrition education by governments, international and voluntary organizations, very little has been done to evaluate the effectiveness of nutrition education as an intervention directed at improved dietary habits and nutrition.

Phase I - of the project consisted of an indepth review of the literature, reports and experiences to determine whether nutrition education is effective in improving food behavior and whether a methodology existed for evaluating the effectiveness of nutrition education. This was initiated in Fiscal Year 1970 and completed in Fiscal Year 1971.

Phase II - initiated in Fiscal Year 1971 is involved in the development of a methodology and protocol for evaluating the effectiveness of different nutrition education approaches. The methodology, reviewed and refined by a panel of experts, is now being field tested in Brazil using three nutrition education approaches - person to person, group teaching and mass media.

The evaluation of the effectiveness of the growth chart as an educational tool is planned for Fiscal Year 1975.

Funding:

FY 1973 - No grant funds were obligated by A.I.D.  
FY 1974 - \$46,000 grant funds were obligated by A.I.D.  
Total through 6/30/74: \$147,000

NON-REGIONAL: Office of Nutrition  
Project Name: Analysis and National Planning  
Project No. : 931-11-560-885  
Contract No.: See Below  
Contractor : See Below  
Began : Fiscal Year 1968  
Estimated Termination Date: Fiscal Year 1976

Description:

The purpose of this project is to promote the incorporation of nutrition factors into LDC development plans, strategies and programs. This includes:

1. The development of effective, least-cost methodologies and techniques for such purposes;
2. Increased LDC reliance on trained and competent local personnel rather than on foreign technical aid to design and carry out appropriate nutrition-related development analyses; and
3. Development of an international network linking LDC and other nutrition planners and strategists for:
  - a. exchange of information and experience usefully transferrable among LDCs, and
  - b. identification of areas of mutual LDC development concern for nutrition-related research.

These initiatives have resulted in increased positive evidence of LDC awareness of the importance of nutrition in national development. At least fifteen countries are programming AID project assistance to include nutrition in central government plans. Four more countries have requested AID pre-project assistance in national nutrition planning; others have indicated interest in possible pre-project planning assistance.

Under this project to date a workable analysis and planning methodology has been completed and training workshops have been held for AID, Voluntary agency and LDC personnel concerned with the formulation and application of national economic development policies. Other concurrent activities include:

--an investigation of the food system of manioc-eating people as exemplified in Zaire is being completed by the University of Colorado. This is intended to produce a methodology which will allow systematic analysis of the identifiable factors which determine adequacy of diet where cassava is the staple food.

--a project to establish the means to include the nutrition dimension in the methodologies employed in on-going agriculture and health sector analysis.

--a project to determine the economic feasibility of large-scale fortification of basic cereals, corn, wheat and rice in countries where these cereals are the food staple of the population.

Funding:

FY 1973 - \$124,000 grant funds were obligated by A.I.D.  
FY 1974 - \$560,000 grant funds were obligated by A.I.D.  
Total through 6/30/74: \$817,000

Contractor and Contract Numbers:

AID/csd 2814 Institute of Food Technologists (Travel Grants)  
\$13,000 (6/30/70) (In process Harvard University 10/74)

AID/csd 2846 Battelle Memorial Institute (Economics of Malnutrition)

AID/csd 2978 American Technical Assistance Corporation (Economics of Malnutrition) \$40,076 (6/30/71)

AID/csd 3285 University of Colorado (Improving the Nutrition of Mandioca-Eating People) \$12,810 (6/28/71) (Economics of Fortification)

AID/csd 3301 Massachusetts Institute of Technology (International Conference of Nutrition, National Development and Planning) \$30,000 (6/30/71) (Contractor to be selected)

AID/csd 3614 University of Colorado (Interregional Utilization-Manioc) \$18,500 (6/27/72) (Dietary Surveys)

AID/CM/ta-C-73-44 University of Colorado (Development of a Methodology to Analyze Cassava Systems for Nutrition Programs) \$59,615 (6/28/73)

AID/ta-C-1072 TransCentury Corporation (Analysis and National Planning Development and Application of Methodology) \$83,582 (2/12/74); (6/29/74)

AID/ta-C-1082 Community Systems Foundation (Analysis and National - Application of Methodology Planning) \$9,862 (2/15/74)

AID/ta-BOA-1061 Massachusetts Institute of Technology (Basic Ordering Agreement (BOA) - Analysis and National Planning) T/O No. 1 - Training Workshops, 1974

T/O No. 2 - Assistance to Pakistan National Planning  
Commission \$35,370 (6/28/74)

T/O No. 3 - Training Workshops, 19 5 (In process as  
of 10/74)

AID/ta-C-1115

INTECH, Inc. (Analysis and National Planning -  
Nutrition Dimension in Health and Agriculture Sector  
Analyses) \$132,427 (6/20/74)

NON-REGIONAL: Office of Nutrition, TAB  
Project Name: Other Worldwide Technical Assistance and  
Research (formerly General Technical Support)  
Project No. : 931-11-999-987  
Began : Fiscal Year 1968  
Estimated Termination Date: Continuing

Description:

The objectives of this project are: to provide technical support to our functional area of nutrition and related activities in combatting malnutrition in the LDC's. This technical support consists of special inputs (purchase of technical books and publications; conferences; and invitational travel); providing short-term technical assistance; evaluation and utilization activities for selective projects and small research projects.

The many requests from workers around the world indicate that there is a need for a variety of nutrition education materials to assist workers in the LDC's and particularly the large core of workers in these countries without any technical backstopping. The actual value of the materials used is not reflected in the expenditures as large quantities of materials have been made available to A.I.D. from other U.S Government agencies as well as from the international, voluntary and private organizations.

Funding:

FY 1973 - \$45,000 grant funds were obligated by A.I.D.  
FY 1974 - \$92,000 grant funds were obligated by A.I.D.

NON-REGIONAL: Office of Nutrition, TAB  
Project Name: New Approaches - Mass Media  
Project No. : 931-11-560-993  
Contract No.: (1) AID 518-345-T (2) AID/ta-C-1133  
Contractor : Manoff International, Inc.  
Began : (1) June 1973 (2) June 1974  
Estimated Termination Date: (1) Fiscal Year 1975  
(2) Fiscal Year 1977

Description:

The purpose of this project is to determine the feasibility of using mass media to motivate large numbers of individuals in rural and urban areas to improve their food behavior, to determine specific areas of applicability of mass media and to compare the cost effectiveness of different mass media educational approaches and techniques in improving food behavior. The plan is to use mass media as a low cost method of bringing simple direct information to malnourished groups since conventional methods are often impractical in terms of cost, time and personnel. Two mass media approaches-that used by the Advertising/Industry and those developed for non-formal education will be tested and compared for cost effectiveness.

In Fiscal Year 1973 a field demonstration was initiated in Ecuador using the Advertising/Industry Reach and Frequency approach. The field testing of this approach in two other LDCs is in the initial stages. The field testing of the Non-Formal nutrition education approach using mass media is scheduled for Fiscal Year 1975.

Funding:

FY 1973 - \$ 28,000 grant funds were obligated by A.I.D.  
FY 1974 - \$175,000 grant funds were obligated by A.I.D.  
Total through 6/30/74 - \$203,300

NON-REGIONAL: Office of Nutrition, TAB  
Project Name: Community Level Interventions  
Project No. : 931-17-560-568  
Contract No.: AID/ta/C-1121  
Contractor : Fundacion Para La Educacion Superior  
University del Valle  
Cali, Colombia  
Began : June 27, 1974  
Estimated Termination Date: Fiscal Year 1977

**Description:**

This project has as its basic objective the development of an intervention methodology that will guide planners to reduce the malnutrition rate. The methodology is to be one that can be successfully applied at the community level by public authorities, voluntary agencies, or other concerned institutions for diagnosing the causes of malnutrition in a community and prescribing the interventions that can best be implemented within the cultural, ecological and socio-economic constraints that characterize the community.

A study will be carried out in five small communities having high rates of malnutrition, but carefully selected for differences in ecological and cultural conditions. During the life of the project, the study will be completed and the procedures used and methods for selection of interventions will be described in detail. Thus the project will develop the procedure and analysis methodology through case studies in the villages. Where existing resources are adequate the interventions to validate the methods will be instituted.

**Funding:**

FY 1974 - \$206,000 grant funds were obligated by A.I.D.  
Total through 6/30/74 - \$206,000

U.S. Staff for AID Activities 1/

Africa Region  
June 30, 1973 2/

<u>Location and Position</u>	<u>Incumbent</u>	<u>Employer</u>
<u>CAMEROON</u>		
Physician (Population)	David M. French, M.D.	AID
<u>ETHIOPIA</u>		
Malaria Eradication Project - PASA/PHS Chief Malaria Advisor	Allen Steffen	PHS
<u>GHANA</u>		
Africa Regional Population Office		
Regional Population Officer, Accra	Julius Prince, M.D.	AID
Economic Advisor/Population	Edward Sifers	AID
PH Nurse-Midwife Advisor	Marie T. Kirby	AID
Social Science Advisor	Morris Blumberg	AID
<u>KENYA</u>		
Audiovisual Specialists/Population	James W. McCarron	AID
Health Educator	Jason Calhoun	PHS
Social Science Advisor	Al Lackey	AID
<u>LIBERIA</u>		
Liberia Medical Center Project - PASA/PHS		
Chief	Kenneth Nelson	PHS
Public Health Physician	Robert D. Patton, M.D.	PHS
Hospital Administrator	Louis Gordon	PHS
Sanitarian	David Moses	PHS
Sanitarian	Bruce Adams	PHS
Health Education Advisor	Isom Herron	PHS
Nursing Director	Marian Bayless	PHS
Nursing Education Advisor	Louise Edwards	PHS
Public Health Nursing Instructor	Mary K. Wade	PHS
Housekeeping Advisor	Alberta Krajewski	PHS
Dietitian	Marle Vickers	PHS
Medical Records Librarian	Mary Agee	PHS
Pharmacist	James C. Yatsco	PHS
Personnel Director	Frank Lawler	PHS
Chief, Engineering Services	Perry Tennison	PHS

1/ Includes AID direct hire and PHS only.

2/ Personnel on duty as of this date

<u>Location and Position</u>	<u>Incumbent</u>	<u>Employer</u>
Main. Training Director	Fred Brown	PHS
Secretary	June Taylor	PHS
Secretary	Dora Sharpe	PHS
<u>MOROCCO</u>		
Population Officer	Neiels H. Poulsen, M.D.	AID
<u>NIGERIA</u>		
Health Advisor	George Stroh	PHS
Demographer	Tom Lyons	AID
<u>TUNISIA</u>		
Population Advisor	Howard B. Keller	AID
Health Administration Advisor (Nutr.)	Nassib Hemaiden, M.D.	PHS
Health Education Advisor (Family Planning)	Herson E. Morales	AID
Population Advisor - Physician	Marc Vincent, M.D.	AID
Public Health Nurse/Population	Irene Martin	PHS
<u>TANZANIA</u>		
Public Health Physician/Population Advisor	Rodney Powell, M.D.	AID
<u>Project Support Staff--Bureau for Africa--AID/Washington</u>		
Public Health Advisor, Central West African Regional Affairs	Herman Marshall	AID
Public Health Population Officer, East South African Affairs	Anselmo Bernal	AID
Public Health Population Officer, North African Affairs	Jean Pinder	AID

U.S. Staff for AID Activities

Africa Region  
June 30, 1974 1/

<u>Location and Position</u>	<u>Incumbent</u>	<u>Employee</u>
<u>CAMEROON</u>		
Physician (Population)	David M. French, M.D.	AID
<u>GHANA</u>		
Africa Regional Population Office Regional Population Officer, Accra	Julius Prince, M.D.	AID
<u>KENYA</u>		
Audiovisual Specialists/Population Health Educator	James W. McCarron Jason Calhoun	AID AID
<u>LIBERIA</u>		
Liberia Medical Center Project - PASA/PHS		
Chief	Kenneth Nelson	PHS
Public Health Physician	Robert D. Patton, M.D.	PHS
Nursing Director	Marian Bayless	PHS
Housekeeping Advisor	Alberta Krajewski	PHS
Dietitian	Merle Vickers	PHS
Medical Records Librarian	Mary Agee	PHS
Pharmacist	Theodore Pukas	PHS
Personnel Director	Frank Lawler	PHS
Personnel Officer	Lawrence Riley	PHS
Procurement Officer	Godfrey Padayao	PHS
Chief, Engineering Services	Perry Tennison	PHS
Main. Training Director	Fred Brown	PHS
<u>MOROCCO</u>		
Population Officer	Neiels H. Poulsen, M.D.	AID
<u>NIGERIA</u>		
Demographer	Tom Lyons	AID
<u>TUNISIA</u>		
Health Administration Advisor (Nutr.)	Nassib Hemaiden, M.D.	PHS

1/ Personnel on duty as of this date.

<u>Location and Position</u>	<u>Incumbent</u>	<u>Employer</u>
Health Education Advisor (Family Planning)	Herson E. Morales	AID
Population Advisor - Physician	Marc Vincent, M.D.	AID
Public Health Nurse/Population	Irene Martin	PHS

TANZANIA

Population Advisor	Jake Harshbarger	AID
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Project Support Staff--Bureau for Africa--AID/Washington

Chief Public Health Advisor	Edward Cross, M.D.	AID
Public Health Advisor, Central West African Regional Affairs	Herman Marshall	AID
Public Health Officer, North African Affairs	Jean Pinder	AID

U.S. Staff for AID Activities 1/

Asia Region  
June 30, 1973 2/

<u>Location and Position</u>	<u>Incumbent</u>	<u>Employer</u>
<u>AFGHANISTAN</u>		
Population Officer	Grace E. Langley	AID
Deputy Population Advisor	Marvin Cernik	AID
Physician (Population)	Stephen Thomas	AID
Nurse Advisor	Margaret Raez	AID
<u>BANGLADESH</u>		
Population Advisor	Michael Jordan	AID
Population Advisor	Dallas Voran	AID
<u>INDONESIA</u>		
Population Officer	Jerrold Clinton, M.D.	AID
Population Officer, Economist	Thomas H. Reese III	AID
Population Advisor	Bill Johnson	AID
<u>KOREA</u>		
Population Advisor, Physician	Dorothy Glenn, M.D.	AID
Population Officer	Scott W. Brandon	AID
<u>NEPAL</u>		
Chief Malaria Advisor	Dr. Kenneth J. Bart	PHS
Population Management Advisor	William H. Trayfors	AID
<u>PAKISTAN</u>		
<u>West Wing</u>		
Statistics Advisor Demographer	Bruno Schiro	Census
Statistics Advisor Demographer	Leroy Schultz	Census
Communications Expert	Marshal D. Rothe, Jr.	AID
Population Advisor, Public Health	Spencer Silberstein	AID

1/ Includes AID direct hire and PHS and Census Bureau only.

2/ Personnel on duty as of this date.

<u>Location and Position</u>	<u>Incumbent</u>	<u>Employer</u>
<u>PHILIPPINES</u>		
Population Advisor	Edward S. Mau	AID
Public Health Advisor	Thomas T. Harriman	AID
Population Advisor	James R. Brady	AID
Communications Advisor	Ewards D. Marks	AID
Regional Offices		
Colombo Plan Advisor, Ceylon (Population)	John B. Edlefson	AID
<u>TURKEY</u>		
Social Science Advisor - Population	Charles Gurney	AID
<u>Program Support Staff--Bureau for Asia--AID/Washington</u>		
Program Analyst	Sue Gibson	AID

U.S. Staff for AID Activities

Asia Region  
June 30, 1974 1/

<u>Location and Position</u>	<u>Incumbent</u>	<u>Employer</u>
<u>AFGHANISTAN</u>		
Population Officer	Grace E. Langley	AID
Physician (Population)	Stephen Thomas, M.D.	AID
Nurse Advisor	Margaret Raez	AID
<u>BANGLADESH</u>		
Population Advisor	Michael Jordan	AID
Population Advisor	Dallas Voran	AID
<u>INDONESIA</u>		
Population Officer	Jerrold Clinton, M.D.	AID
Population Officer, Economist	Thomas H. Reese III	AID
Population Advisor	Bill Johnson	AID
<u>KOREA</u>		
Population Advisor, Physician	Dorothy Glenn, M.D.	AID
Population Officer	James Brady	AID
<u>NEPAL</u>		
Chief Malaria Advisor	Dr. Kenneth J. Bart	PHS
Population Officer	William H. Trayfors	AID
Population Management Advisor	John R. Burdeck	AID
<u>PAKISTAN</u>		
Population Advisor, Public Health	Francis Murphy	AID
Population Advisor, Public Health Physician	Andrew Haynal, M.D.	AID
Multisector Officer	William R. McIntyre	AID
<u>PHILIPPINES</u>		
Population Advisor	Edward S. Mau	AID
Population Advisor	Ed Parfrey	AID
Multisector Officer	Lennie Kangas	AID

1/ Personnel on duty as of this date.

<u>Location and Position</u>	<u>Incumbent</u>	<u>Employer</u>
<u>Program Support Staff--Bureau for Asia--AID/Washington</u>		
Project Support Division Chief	George Coleman	AID
Program Analyst	Sue Gibson	AID

U.S. Staff for AID Activities 1/

Latin America Region

June 30, 1973 2/

<u>Location and Position</u>	<u>Incumbent</u>	<u>Employer</u>
<u>BOLIVIA</u>		
Public Health Advisor	Amedee Landry	AID
<u>BRAZIL</u>		
National Water and Sewerage Project -		
PASA/PHS Sanitary Engineer	Alfred Williamson	PHS
Sanitary Engineer	James Thompson	PHS
Malaria Advisor, Sanitarian	Richard Shaw	PHS
<u>COSTA RICA</u>		
Population Information Advisor	Thomas F. McMahon	AID
<u>ECUADOR</u>		
Population Officer, Social Scientist	John Paul James	AID
Population Assistant, Economist	Robert H. Haladay	AID
<u>EL SALVADOR</u>		
Population Officer - Health Educator	Samuel Taylor	AID
Central America Malaria Eradication Research Station		
Director	Geoffrey Jeffrey, M.D.	PHS
Health Education Advisor	Ann Obert	PHS
Entomologist	Samuel Breeland	PHS
Epidemiologist	Dr. John Mason	PHS
Research Biologist	J. Hebbs	PHS
Administrative Officer	Allen Norton	PHS
Parasitologist	McWilson Warren	PHS
Entomologist	Donald P. Wilton	PHS
<u>GUATEMALA</u>		
Population Officer	Cynthia Burski	AID

1/ Includes AID direct hire, PHS and Census Bureau only.

2/ Personnel on duty as of this date.

<u>Location and Position</u>	<u>Incumbent</u>	<u>Employer</u>
<u>HAITI</u>		
Malaria Advisor, Entomologist	Jalil Karam	AID
<u>HONDURAS</u>		
Population Program Officer	Barbara Sandoral	AID
<u>JAMAICA</u>		
Population Program Analyst	Wilbur Wallace	AID
<u>NICARAGUA</u>		
Public Health Advisor (nonmedical)	Albert Grego	AID
<u>PANAMA</u>		
Public Health Advisor (Physician)	Ernest Feigenbaum, M.D.	PHS
<u>PARAGUAY</u>		
Demographer	John W. Morse	AID
<u>Program Support Staff--Bureau for Latin America--AID/Washington</u>		
Chief, Health, Population and Nutrition Development	Maura Hurley Bracket	AID

U.S. Staff for AID Activities

Latin America Region  
June 30, 1974 1/

<u>Location and Position</u>	<u>Incumbent</u>	<u>Employer</u>
<u>BOLIVIA</u>		
Public Health Advisor	Amedee Landry	AID
<u>COSTA RICA</u>		
Population Information Advisor	Vacant	AID
<u>EL SALVADOR</u>		
Population Officer - Health Educator	Samuel Taylor	AID
<u>GUATEMALA</u>		
Population Officer	Cynthia Burski	AID
<u>HAITI</u>		
Malaria Advisor, Entomologist	Jalil Karam	AID
<u>HONDURAS</u>		
Population Program Officer	Barbara Sandoral	AID
<u>JAMAICA</u>		
Population Program Analyst	Wilbur Wallace	AID
<u>NICARAGUA</u>		
Population Officer	James E. Sarn	AID
<u>PANAMA</u>		
Public Health Advisor (Physician)	Ernest Feigenbaum, M.D.	PHS
<u>PARAGUAY</u>		
Population Officer, PH	Scott W. Brandon	AID

1/ Personnel on duty as of this date.

<u>Location and Position</u>	<u>Incumbent</u>	<u>Employer</u>
<u>Program Support Staff--Bureau for Latin America--AID/Washington</u>		
Chief, Health, Population and Nutrition Development	Maura Hurley Bracket	AID

U.S. Staff for AID Activities 1/

Supporting Assistance  
June 30, 1973 2/

<u>Location and Position</u>	<u>Incumbent</u>	<u>Employer</u>
<u>LAOS</u>		
Chief Public Health Advisor	Charles L. Weldon, M.D.	AID
Public Health Dental Advisor	Lawrence F. Becker	AID
Medical Technologist	Donald A. Dougan	AID
Medical Technologist	James H. Wills	AID
Medical Technologist	Stanley M. Monnie	AID
Staff Nurse	Robert E. Corbin	AID
Staff Nurse	Sally Lee Maxwell	AID
Population Advisor, Nurse	Beverly Ann Fry	AID
Clinician	Alan H. Mumm, M.D.	AID
Administrative Officer	Frederick W. Michael	AID
Hospital Administrator	Joseph P. Salvo	AID
Medical Technicologist Assistant	Steven R. Schofield	AID
Logistics Officer	Ramon D. Garrett	AID
<u>THAILAND</u>		
Director	Merrill Shutt, M.D.	AID
Population Advisor (nonmedical)	Gerard R. Bowers	AID
Population Officer	Scott W. Edmonds	AID
<u>VIETNAM</u>		
<u>SAIGON: Headquarters</u>		
Public Health Physician	John E. Kennedy, M.D.	AID
Public Health Physician	Isaiah Jackson, M.D.	AID
Medical Officer/Population	Jack Keeve, M.D.	AID
Medical Epidemiologist	Robert Juni, M.D.	AID
Public Health Physician	David V. Brown, M.D.	AID
Public Health Advisor	Von C. Yoder	AID
Public Health Advisor	John W. Wiles	AID
Public Health Advisor	William E. Paupe	AID
Sanitary Engineering Advisor	Weyburn D. Davis	AID
Sanitarian	Charles H. Witten	AID
Nurse Advisor	Gloria M. Gallo	AID

1/ Includes AID direct hire, PHS and Census Bureau only.

2/ Personnel on duty as of this date.

<u>Location and Position</u>	<u>Incumbent</u>	<u>Employer</u>
Medical Supply Advisor	Allen T. Thompson	AID
Medical Supply Advisor	Thomas B. Stewart	AID
Medical Supply Advisor	Robert G. Reynolds	AID
Medical Supply Advisor	Joseph T. Russell	AID
Medical Equipment Advisor	Max F. Krakauer	AID
 <u>CORDS 1</u>		
Public Health Physician	Frederick M. Zerzavy, M.D.	AID
Sanitarian	Wilson S. Adams	AID
Sanitarian	Dennis G. Barker	AID
 <u>CORDS 2</u>		
Public Health Physician	Clark M. Richardson, M.D.	AID
Pleiku-Sanitarian	Curtis C. Anderson	AID
 <u>CORDS 3</u>		
Public Health Physician	Maritt W. Stark, M.D.	AID
Sanitarian	Jimmy M. Sinks	AID
 <u>CORDS 4</u>		
Public Health Physician	Edwards S. Vanderhoof, M.D.	AID
Public Health Advisor	Wallace E. Brotherton	AID
 <u>SAIGON: Prefecture</u>		
Health Officer	William D. Oldham, M.D.	AID
Deputy Health Officer	Edward P. Irons, M.D.	AID
Nurse Advisor	Gilda H. Deluca	AID
 <u>Program Support Staff--Office of Public Health Administration, Bureau for Supporting Assistance</u>		
Director, Office of Public Health Administration	Malcolm Phelps, M.D.	AID
Public Health Analyst	Edward Muniak	AID

U.S. Staff for AID Activities

Supporting Assistance  
June 30, 1974 1/

<u>Location and Position</u>	<u>Incumbent</u>	<u>Employer</u>
<u>LAOS</u>		
Chief Public Health Advisor	Charles L. Weldon, M.D.	AID
Public Health Dental Advisor	Lawrence F. Becker	AID
Medical Technologist	James H. Wills	AID
Staff Nurse	Robert E. Corbin	AID
Staff Nurse	Gloria DeLuca	AID
Population Advisor, Nurse	Beverly Ann Fry	AID
Clinician	Alan H. Mumm, M.D.	AID
Administrative Officer	Frederick W. Michael	AID
Hospital Administrator	Joseph P. Salvo	AID
<u>THAILAND</u>		
Population Advisor (nonmedical)	Gerard R. Bowers	AID
Population Officer	Scott W. Edmonds	AID
<u>VIETNAM</u>		
<u>SAIGON: Headquarters</u>		
Public Health Advisor	John W. Wiles	AID
Public Health Advisor	William E. Paupe	AID
Medical Supply Advisor	Allen T. Thompson	AID
Medical Supply Advisor	Joseph T. Russell	AID
<u>CORDS 1</u>		
Public Health Physician	Frederick M. Zerzavy, M.D.	AID
<u>CORDS 3</u>		
Public Health Physician	Meritt W. Stark, M.D.	AID
<u>SAIGON: Prefecture</u>		
Health Officer	William D. Oldham, M.D.	AID
Deputy Health Officer	Edward P. Irons	AID
<u>Program Support Staff--Office of Public Health Administration, Bureau for Supporting Assistance</u>		
Director, Office of Public Health Administration	Isiah Jackson, M.D.	AID
Public Health Analyst	Edward Muniak	AID

1/ Personnel on duty as of this date.

**U.S. Staff for AID Activities**

**Non-Regional Project and Domestic  
Program Support Staff  
June 30, 1974**

<u>Location and Position</u>	<u>Incumbent</u>	<u>Employer</u>
<u>Technical Assistance Bureau, A.I.D./Washington</u>		
<u>Office of Health</u>		
Director	Lee M. Howard, M.D.	AID
Deputy Director	James E. Banta, M.D.	AID
Program Coordinator	Amos Worthington	AID
Tropical Disease Advisor	Joe L. Stockard, M.D.	PHS
Malaria Advisor	Edgar A. Smith	AID
Malaria Advisor	John O. Stivers	AID
Malaria Advisor	Lawrence Cowper	AID
Sanitary Engineer	Dale Swisher	AID
Cholera Task Force Coordinator	Richard C. Parsons	AID
Assistant Cholera Coordinator	Jean Rogier, M.D.	AID
Chief, Health Delivery Services	Lloyd A. Florio, M.D.	AID
Health Advisor	Merrill M. Shutt, M.D.	AID
Health Advisor	Rose Britanak, Ph.D.	PHS
Health Advisor	Winifred Evans, R.N.	AID
Health Administrator	Ray D. Newman	AID
Health Planning Advisor	William E. Worcester	AID
Librarian	Margaret S. Pope	AID
<u>Office of Nutrition</u>		
Director	Martin Forman	AID
Deputy Director	Irwin Hornstein	AID
Nutrition Advisor	Harold Rice	AID
Associate Director	James A. Green	AID
Public Health Advisor, Nutrition	Jack P. Kieve, M.D.	AID
Nutrition Child Feeding Coordinaton	Jack Royer	AID
Senior Nutrition Advisor	Samuel Kahn, Ph.D.	AID
Program Analyst	Amy Pound	AID
<u>Bureau for Population and Humanitarian Assistance (PHA)</u>		
<u>Office of Population</u>		
Office of the Director		
Director	R.T. Ravenholt, M.D.	AID
Deputy Director	Willard Boynton, M.D.	AID
Associate Director (Field)	James K. Shafer, M.D.	AID

<u>Location and Position</u>	<u>Incumbent</u>	<u>Employer</u>
Associate Director (Operations)	Randall Backlund	AID
Assistant Director	David McMakin	AID
Program Coordinator	George Gilmore	AID
International Organization Liaison Officer	Lloyd Emerson	AID
Assistant Program Coordinator	Frank Egi	AID
 <u>POP/AFR</u>		
Chief	Clayton Miracle	AID
Deputy Chief	Ain Kivimae	AID
Population Officer	Arjuna Abayomi-Cole	AID
Population Officer	Anselmo Bernal	AID
Program Analyst	Ed Muniak	AID
 <u>POP/EA</u>		
Chief	Charles Terry	AID
Population Officer	Rob Robertson	AID
Program Analyst	Richard Mendose	AID
Population Officer	James Cumiskey	AID
Population Officer	Mr. Dunn	AID
 <u>POP/LA</u>		
Chief	Charles Johnson	AID
Deputy Chief	Vernon Scott	AID
Population Officer	Lew Gardella	AID
Population Officer	Nadene Saxton	AID
Population Officer	John Peabody	AID
Program Analyst	Lawrence Eicher	AID
 <u>POP/WA</u>		
Chief	James Grant	AID
Deputy Chief	Robert Layton	AID
Population Officer	Marvin Cernik	AID
Program Analyst	Marschal Rothe	AID
 <u>POP/DEMO</u>		
Chief	James Brackett	AID
Statistician/Demographer	David Mutchler	AID
Statistician/Demographer	Alvin Oraka	AID
Social Science Analyst	Jack Lawson	AID

<u>Location and Position</u>	<u>Incumbent</u>	<u>Employer</u>
Statistician/Demographer	Richard Cornelius	AID
<u>POP/POL</u>		
Chief	Carl Hommer	AID
Social Science Analyst	Steven Sinding	AID
Program Analyst	Arlen Jee	AID
Economic Analyst	Duncan Miller	AID
Population Officer	Gerald Patrick	AID
<u>POP/Research</u>		
Chief	Joseph J. Speidel	AID
Social Science Research Officer	Duff Gillespie	AID
Epidemiologist	Gary Merritt	AID
Epidemiologist	Douglas Huber	AID
Pharmacologist	Mary Perry	AID
Operations Support Officer	Robert Carpenter	AID
<u>POP/FPS</u>		
Chief	Harold Pederson	AID
Chief Grant Officer	Elizabeth MacManus	AID
Grant Management Officer	Alton Wilson	AID
Grant Management Officer	Ann Tinker	AID
Program Analyst	Helen Vaitaitis	AID
Chief Public Health Officer	Andrew Wiley	AID
Evaluation Officer	Robert Bush	AID
Chief Medical Officer	Gerald Van der Vlugt, M.D.	AID
International Trade Specialist	George Nakamara Markow	AID
Program Analyst	Ann Pagonis	AID
<u>POP/IEC</u>		
Chief	Charles Blackman	AID
Foreign Information Specialist	Ray Pagan	AID
Foreign Information Specialist	Griffith Davis	AID
Foreign Information Specialist	Russell Swenson	AID
Foreign Information Specialist	Anne Aarnes	AID
Technical Information Specialist	Ann Peters	AID
Program Analyst	James Massie	AID
<u>POP/MI</u>		
Chief	Gerald Winfield	AID
Institutional Development Officer	Joseph Loudis	AID

Location and Position

Incumbent

Employee

Manpower Development Officer  
Operations Support Officer  
Manpower Development Specialist  
Paramedical Manpower Development Specialist

John Edlefsen  
William Alli  
Mr. Gilbert  
Constance Collins

AID  
AID  
Census  
AID

Resources Support Services Staff (RSSA)  
Department of Health, Education, and Welfare

Office of International Health

Associate Director, Professional Resources  
Health Education Advisor  
Nurse-Midwife Advisor  
Public Health Analyst  
Disaster Relief Coordinator  
Administrative Officer  
PASA Officer  
Chief, Health Planning  
Health Economist  
Health Economist  
Country Profiles Analyst  
Country Profiles Analyst  
Research Assistant  
Graduate Intern  
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MEDEX Advisor

Richard B. Uhrich, M.D. PHS  
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Virginia M. Worsley PHS  
Mariel Coddling PHS  
Jerry Rutkoski PHS  
Joe Davis, M.D. PHS  
John Daly PHS  
William Walsh PHS  
Barbara Holland PHS  
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Martha Anderson PHS  
Robert Fischer, M.D. PHS  
Nancy Pielemeier PHS  
Richard Smith, M.D. PHS

Health Services Administration

Community Health Services

Nutrition Consultant  
Nutrition Specialist

Andromach Sismanidis PHS  
Audrey Moore PHS

Communicable Disease Center

Services for Family Planning Evaluation

Statistician-Demographer  
Project Director  
Co-Director

Leo Morris PHS  
Philip Darney, M.D. PHS  
Carl Tyler, M.D. PHS



## GLOSSARY

AHA	American Hospital Association
A.U.B.	American University of Beirut
CABEI	Central American Bank for Economic Integration
CDC	Center for Disease Control, PHS
CELADE	Latin American Center for Economic and Demographic Studies
CELAP	Latin American Center for Population and the Family
CENTO	Central Treaty Organization
CERES	Center for Economic and Social Research
CIAP	Inter-American Committee for the Alliance for Progress
CRL	Cholera Research Laboratory
CRS	Catholic Relief Service
CY	Calendar Year
DAC	Development Assistance Committee, O.E.C.D.
ECLA	Economic Commission for Latin America (U.N.)
FAA	Foreign Assistance Act
FAO	Food and Agriculture Organization
FY	Fiscal Year
IDB	Inter-American Development Bank
IPPF	International Planned Parenthood Federation
IPPF/WHR	International Planned Parenthood Federation/Western Hemisphere Region
IUD	Intrauterine Device
K.A.P.	Knowledge, Attitudes and Practices
L.I.F.E.	League for International Education

MCC	Mennonite Central Commi
MCH	Maternal and Child Hela...
MOH	Ministry of Health
OCCGE	Organization of Coordination and Cooperation for the Fight Against the Great Endemic Diseases, Africa
OCEAC	Organization for the Control of Endemic Diseases in Central Africa
ODECA	Organization of Central American States
OECD	Organization for Economic Cooperation and Development
PAHO	Pan American Health Organization
PASA	Participating Agency Service Agreement
PHS	Public Health Service
PUMAR	Rural Mobile Health Program
ROCAP	Regional Office for Central American and Panama, AID
RSSA	Resource Support Services Agreement
RTAC	Regional Technical Aids Center, AID
SAC	Special Armed Forces, U.S. Army
SEAMES	Secretariat of Southeast Asia Ministers of Education
SEATO	Southeast Asia Treaty Organization
SIECA	Common Market Secretariat
TAB	Technical Assistance Bureau, AID
TA/H	Technical Assistance Bureau, Office of Health
TB	Tuberculosis
TDY	Temporary Duty
Title X	Amendment to the Foreign Assistance Act of 1961 earmarked funds for assistance to family planning and population programs.
UN	United Nations
UNDP	United Nations Development Program

**UNICEF**

**United Nation's Children's Emergency Fund**

**UNFPA**

**United States AID Mission**

**WHO**

**World Health Organization.**

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